

Monday, September 26, 2022**6:00 PM****McFarland Municipal Center**
*Community Room***AGENDA**

You are invited to this meeting through a Zoom webinar. The public is strongly encouraged to watch and participate in these meetings remotely through either the webinar or telephone options listed below.

PLEASE CLICK THE LINK BELOW TO JOIN THE ZOOM WEBINAR:

<https://us02web.zoom.us/j/87321231583>

Or by Telephone: +1 (312) 626-6799

Webinar ID: 873 2123 1583

Press *9 to raise/lower hand. Press *6 to mute/unmute.

1. CALL TO ORDER, ROLL CALL.

2. PUBLIC APPEARANCES.

- a. This is an opportunity for members of the public to address the Public Works & Utilities Committee. Please remember this is a virtual meeting conducted through the Zoom online meeting platform. Zoom meeting attendees wishing to address the Committee may do so using the Question and Answer feature within the Zoom online meeting platform. You may state your name, address, and provide your comments to the Committee for their consideration. Members of the public who are present in person and wish to address the Committee should fill out a public comment form and turn into the meeting chairperson. Members of the public may speak during public appearances or during their selected agenda item as they designate on the public comment form. Please adhere to the 3-minute time limit. Additionally, you may send your public comments to public.works@mcfarland.wi.us to be included as part of the meeting.

3. APPROVAL OF MINUTES.

- a. Discussion and action regarding the minutes from the Public Works & Utilities meeting held on August 22, 2022.

4. BUSINESS.

- a. Public Information Meeting regarding Exchange Street project.
- b. Update regarding Lift Station #2 project and design.
- c. Discussion and action to make a recommendation to the Village Board regarding award of contract for Brush and Yard Waste Services.
- d. Update regarding the 2022 Sanitary Survey report performed by the Wisconsin Department of Natural Resources (DNR)
- e. Discussion regarding PFAS testing performed by the Wisconsin DNR.

5. SCHEDULE NEXT MEETING DATE.

- a. Monday, October 24, 2022 at 6:00 p.m.

6. ADJOURNMENT.

Any person who has a qualifying disability as defined by the Americans with Disabilities Act that requires the meeting or materials at the meeting to be in an accessible location or format should contact the McFarland Municipal Center at (608)838-3153, 5915 Milwaukee Street, McFarland, Wisconsin, or village.clerk@mcfarland.wi.us by 2:00 p.m. at least 5 business days prior to the meeting so that any necessary arrangements can be made to accommodate each request. If the meeting or request is less than 5 business days from the meeting, requests for accommodations may still be made and reasonable efforts will be made to accommodate each request.

VILLAGE OF MCFARLAND
Public Works & Utilities Committee Minutes

Monday, August 22, 2022 - 6:00 PM

1. CALL TO ORDER, ROLL CALL.

Village President Clow called the regular meeting of the Public Works & Utilities Committee to order at 6:00 PM in the Community Room of the Municipal Center. This meeting was also held via Zoom webinar.

Members present: Carolyn Clow, Pauline Boness, Marv Meyers, Marc Nielsen, Eric Kryzenske, Chris Fredrick, Jerry Adrian

Members not present:

Staff Present: Village Administrator Matt Schuenke, Public Works Director Jim Hessling, Streets and Utilities Superintendent Lee Igl, Assistant to the Public Works Director Aimee Irwin, and Town and Country staff Tim Stieve and Brian Berquist

2. PUBLIC APPEARANCES.

- a. This is an opportunity for members of the public to address the Public Works & Utilities Committee. Please remember this is a virtual meeting conducted through the Zoom online meeting platform. Zoom meeting attendees wishing to address the Committee may do so using the Question and Answer feature within the Zoom online meeting platform. You may state your name, address, and provide your comments to the Committee for their consideration. Members of the public who are present in person and wish to address the Committee should fill out a public comment form and turn into the meeting chairperson. Members of the public may speak during public appearances or during their selected agenda item as they designate on the public comment form. Please adhere to the 3-minute time limit. Additionally, you may send your public comments to public.works@mcfarland.wi.us to be included as part of the meeting.*

None.

3. APPROVAL OF MINUTES.

- a. Discussion and action regarding the minutes from the Public Works & Utilities meeting held on July 25, 2022.*
Motion by Village President Clow, seconded by Jerry Adrian, to approve the minutes from the Public Works & Utilities meeting held on July 25, 2022. Motion carries 6 - 0 - 1, with Marc Nielsen abstaining.

4. BUSINESS.

- a. Public Information Meeting regarding Paulson Road project*
A Public Information meeting was held regarding the 2023 Paulson Road project. Village staff along with Town & Country Engineers were present to answer questions and take note of comments from residents that were in attendance. Staff took note of identified concerns and will follow-up accordingly during the continued design phase of the project.

b. Discussion and action to make a recommendation to the Village Board regarding sanitary sewer rates

Brian Berquist of Town & Country Engineering reviewed recent updates to the user charge system data. Updates included the cost estimate for Lift Station #2, anticipated interest rates, and the decision to pursue the Clean Water Fund through the DNR, which is a 20-year note. Town & Country's recommendation is for an increase related to the variable sewer rate in 2023, 2024, 2025, and 2026 while the fixed rate remains the same.

- Pauline Boness asked how the data presented has been impacted by recent discussions related to allocation of projects to various utilities. Berquist responded that there are fewer blanket portions of projects. Therefore, projects are charged more specifically in this instance.
- President Clow asked for clarification on the proposed rate increase. Berquist reviewed the proposed rates, including a \$1.50 increase in 2023, \$1.00 in 2024, \$1.00 in 2025, and \$0.50 in 2026.

Motion by President Clow, seconded by Eric Kryzenske, to recommend to the Village Board a rate increase to the variable charge for sanitary sewer rates of \$1.50 for 2023, \$1.00 for 2024, \$1.00 for 2025, and \$0.50 for 2026. Motion by President Clow to amend the motion to recommend to the Village Board a rate increase to the variable charge for sanitary sewer rates of \$1.50 for 2023 as presented and review annually. Seconded by Chris Fredrick. Amendment to the motion carries 7-0-0. Amended motion carries 7-0-0.

c. Update regarding Lift Station #2 project and design.

Motion by Village President Clow, seconded by Chris Fredrick, to postpone the update regarding the Lift Station #2 project and design. Motion carries 7 - 0 - 0.

d. Discussion and action to make a recommendation to the Village Board regarding issuance of a 2023 sidewalk replacement BID.

Lee Igl reviewed the enclosed 2023 sidewalk replacement BID. The sidewalk replacements for 2023 may be adjusted from what is enclosed within the packet depending on the completion of replacements in 2022, as well as the pending approval for the 2023 budget for this project.

Motion by President Clow, seconded by Chris Fredrick, to recommend approval to the Village Board regarding issuance of a 2023 sidewalk replacement BID. Motion carries 7 - 0 - 0.

e. Update regarding Exchange Street and action to schedule a Public Information Meeting.

No update was provided during the meeting. The committee discussed the scheduling of a Public Information Meeting.

Motion by President Clow, seconded by Jerry Adrian, to recommend scheduling the Exchange Street Public Information Meeting on Monday, September 26 at 6:00 p.m. Motion carries 7 - 0 - 0.

f. Update regarding the 2022 Sanitary Survey report performed by the Wisconsin Department of Natural Resources (DNR)

Motion by Village President Carolyn Clow, seconded by Eric Kryzenske, to postpone

the update regarding the 2022 Sanitary Survey report performed by the Wisconsin Department of Natural Resources (DNR). Motion carries 7 - 0 - 0.

g. Discussion regarding December meeting conflict

Committee members discussed the December meeting conflict. The committee will meet on December 21, 2022 at 6:00 p.m.

5. SCHEDULE NEXT MEETING DATE.

a. Monday, September 26, 2022 at 6:00 p.m.

6. ADJOURNMENT.

Motion by Jerry Adrian, seconded by Chris Fredrick, to adjourn at 8:33 pm.

Pursuant to law, written notice of this meeting was given to the public and posted on the public bulletin boards in accordance with Open Meetings Law.

Respectfully submitted,
Aimee Irwin
Assistant to the Public Works Director

**VILLAGE OF
McFarland
SUMMARY SHEET**

MEETING DATE: Monday, September 26, 2022

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Jim Hessling, Public Works Director

AGENDA ITEM: Public Information Meeting regarding Exchange Street project.

PREVIOUS ACTION:

Previous Public Information Meetings regarding the upcoming Exchange Street project were held on February 16, 2021 and November 9, 2021.

ISSUE SUMMARY:

The purpose of the Public Informational Meeting (PIM) is to inform the public about the upcoming street reconstruction project. Information that was gathered at previous PIMs was incorporated into the design plans in order to obtain a better finished product. Notices have been mailed to impacted property owners. The Village is advertising the event through the village website and social media. An overview of the project will be provided at the meeting and then there will be time for questions from attendees.

FINANCIAL/BUDGET IMPACT:

The 2022 budget includes funds to support engineering related activities on the project.

VILLAGE PLAN REFERENCE:

None.

ORDINANCE REFERENCE:

None.

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

No action is needed on this item.

ATTACHMENTS:

1. PIM Notification Letter for 8.31.2022
2. EXCHANGE STREET 60% DRAWING SET

Public Information Meeting No.3- 2024 Exchange Street Reconstruction Project



The Village is in the process of planning and design for the reconstruction of Exchange Street from Sleepy Hollow Road to Farwell Street. This project is planned to include water main replacement, sanitary sewer replacement, storm sewer improvements, and a full reconstruction of the street including the addition of a new sidewalk to the western side of the street.

The project is planned for construction in 2024 and the Village is working on the design process for all of the new improvements. In order to help keep the public informed of the upcoming work, the Village is planning the next public information meeting for **6:00 p.m. on Monday, September 26, 2022**. At this meeting, an overview of the project details will be presented. After the presentation, there will be an opportunity for residents to ask questions or discuss concerns with Village staff and the Village Engineer.

The project is adjacent to Section 4(f) resources such as the Arnold Larson House and the Village's Indian Mound Park. Section 4(f) properties are described by the Federal Highway Administration as publicly owned park and recreation areas that are open to the general public. At this time it is not anticipated that the project will have impacts on these resources. Persons with concern for or knowledge about historic buildings and structures and archaeological sites are encouraged to attend this meeting or provide comments to the local units of government or the consultant.

This meeting will be held in-person at the Municipal Center. The Municipal Center is located at 5915 Milwaukee Street in McFarland. There will also be an option for virtual attendance through Zoom. You can join the Zoom Webinar by utilizing the below information.

- By web browser: <https://us02web.zoom.us/j/87321231583>
- Or Telephone:
 - Dial US: +1 (312) 626-6799
 - Webinar ID: 873 2123 1583
 - Press *9 to raise/lower hand
 - Press *6 to mute/unmute

If you cannot attend the meeting, please submit your written comments to the Public Works Department before September 22, 2022. The mailing address is:

Village of McFarland, Public Works Department
P.O. Box 110
McFarland, WI 53558
public.works@mcfarland.wi.us

Thank you, VILLAGE OF McFARLAND

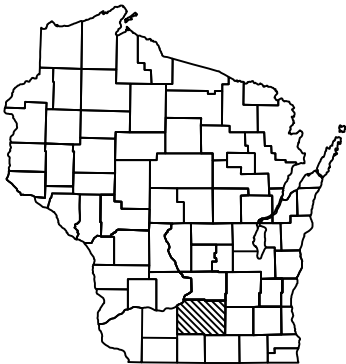
PROJECT ID: 5685-00-04/05

COUNTY: DANE COUNTY

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS =



DESIGN DESIGNATION

A.A.D.T. (2020)	=	1793
A.A.D.T. (2040)	=	2264
D.H.V.	=	TBD
D.D.	=	60/40
T.	=	10%
DESIGN SPEED	=	30 MPH
ESALS	=	TBD

CONVENTIONAL SYMBOLS

PLAN

CORPORATE LIMITS	
PROPERTY LINE	
LOT LINE	
LIMITED HIGHWAY EASEMENT	
EXISTING RIGHT OF WAY	
PROPOSED OR NEW R/W LINE	
SLOPE INTERCEPT	
REFERENCE LINE	
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
COMBUSTIBLE FLUIDS	
MARSH AREA	
WOODED OR SHRUB AREA	

PROFILE

GRADE LINE	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE (To be noted as such)	
SPECIAL DITCH	
GRADE ELEVATION	
CULVERT (Profile View)	
UTILITIES	
ELECTRIC	
FIBER OPTIC	
GAS	
SANITARY SEWER	
STORM SEWER	
TELEPHONE	
WATER	
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

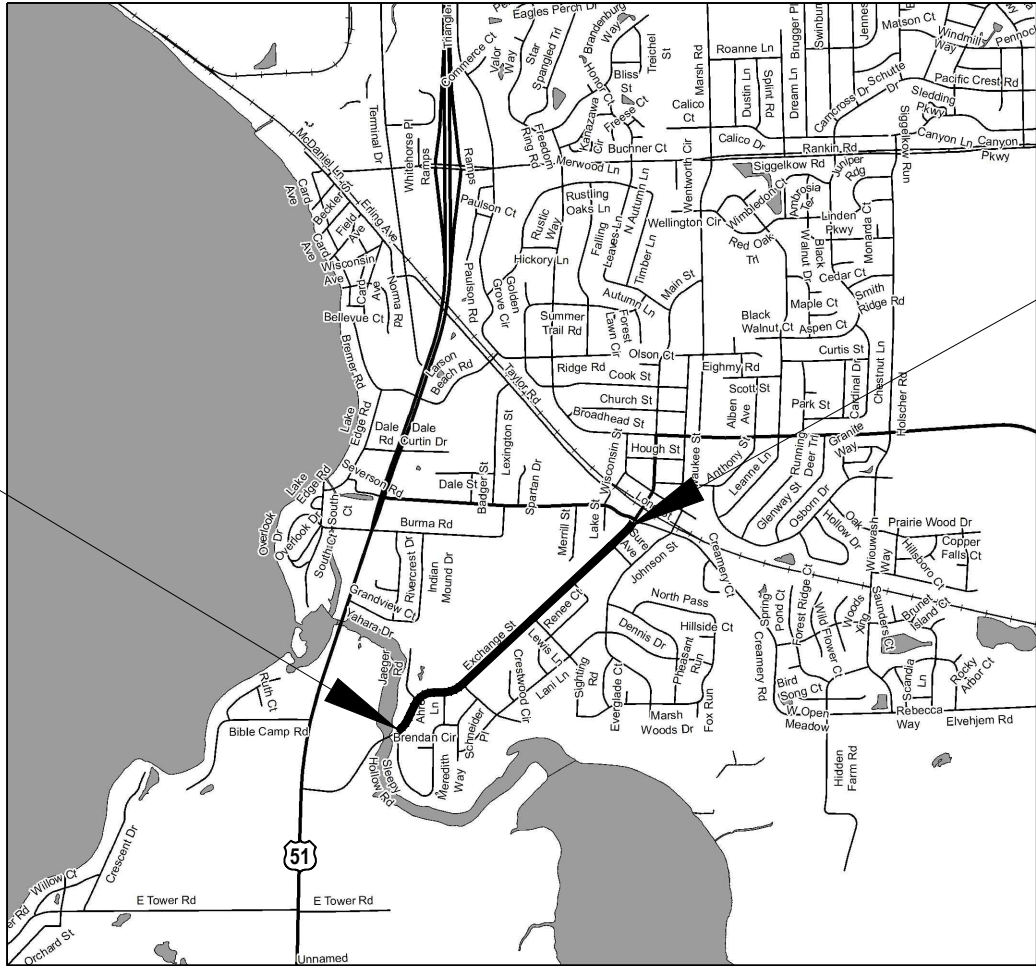
VILLAGE OF MCFARLAND, EXCHANGE STREET

FARWELL STREET TO SLEEPY HOLLOW ROAD

LOC STR
DANE COUNTY

STATE PROJECT NUMBER
5685-00-05

BEGIN PROJECT
STA. 12+51



END PROJECT
STA. 55+80

LAYOUT
SCALE 0 0.5 MI
TOTAL NET LENGTH OF CENTERLINE = 0.823 MI.

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), DANE COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
5685-00-04/05		

PRELIMINARY 60% DRAWINGS

ACCEPTED FOR
VILLAGE OF MCFARLAND

(Date) (Signature and Title of Official)

ORIGINAL PLANS PREPARED BY



(Date) (Professional Engineer Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY	
Surveyor	TOWN & COUNTRY ENGINEERING, INC.
Designer	TOWN & COUNTRY ENGINEERING, INC.
Project Manager	LORRAINE BETZEL, P.E.
Regional Examiner	
Regional Supervisor	

APPROVED FOR THE DEPARTMENT
DATE: (Signature)

E

2

GENERAL NOTES

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLAN ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

NO TREES OR SHRUBS ARE TO BE REMOVED UNLESS SUCH TREES OR SHRUBS HAVE FIRST BEEN INDICATED FOR REMOVAL BY THE ENGINEER IN THE FIELD.

EXCAVATION BELOW SUBGRADE (EBS) IS NOT USED TO BALANCE YARDAGE, AND IS NOT SHOWN ON THE CROSS SECTIONS BUT IS MEASURED AND PAID FOR AS COMMON EXCAVATION. EXACT LOCATIONS OF EBS WILL BE DETERMINED BY THE ENGINEER.

DISTURBED AREAS SHOWN WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS ARE TO BE FERTILIZED (TYPE B), SEEDED (USE SEED MIX NO. 20), AND EROSION MATTED/MULCHED AS DIRECTED BY THE ENGINEER. DO NOT USE FERTILIZER IN WETLAND AREAS.

WHEN THE QUANTITY OF THE ITEM OF BASE AGGREGATE DENSE OR HMA PAVEMENT IS MEASURED FOR PAYMENT BY THE TON, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE, AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER IN THE FIELD.

SILT FENCE, TEMPORARY DITCH CHECK, AND CULVERT PIPE CHECK BID ITEMS SHALL BE PLACED AS SHOWN IN THE PLAN OR AS DIRECTED BY THE ENGINEER. SILT FENCE SHALL BE PLACED PRIOR TO CONSTRUCTION.

FILL EXPANSION IS VARIABLE AND IS ESTIMATED AT 25%.

THE EXACT LOCATION OF PRIVATE AND FIELD ENTRANCES TO BE DETERMINED BY THE ENGINEER IN THE FIELD.

REMOVAL OF ASPHALTIC SURFACES WERE AN ABUTTING ASPHALTIC SURFACE IS TO REMAIN IN PLACE SHALL REQUIRE A SAWCUT MEETING THE APPROVAL OF THE ENGINEER IN THE FIELD.

ACCURACY OF INLET AND DISCHARGE ELEVATIONS FOR DRAINAGE STRUCTURES SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.

CURB AND GUTTER ELEVATIONS ARE GIVEN ON THE FLANGE LINE, UNLESS OTHERWISE NOTED.

ALL RADII DIMENSIONS ON THE PLAN FOR CURB AND GUTTER ARE TO THE FLANGE OF THE CURB AND GUTTER.

EXISTING DRIVEWAYS SHALL BE RESTORED IN KIND (UNLESS OTHERWISE NOTED) AND THEIR LOCATION VERIFIED BY THE ENGINEER IN THE FIELD.

HMA PAVMENT QUANTITIES WERE CALCULATED USING 115 LB/SY/IN. 4.5-INCHES OF HMA PAVEMENT SHALL BE CONSTRUCTED WITH A 1.5-INCH UPPER LAYER HMA PAVEMENT 5LT58-28S AND A 3-INCH LOWER LAYER HMA PAVEMENT 4LT 58-28S.

EXPANSION JOINTS SHALL BE CONSTRUCTED AT ALL RADII POINTS IN THE CURB & GUTTER.

STORM SEWER ELEVATIONS, LENGTHS AND LOCATIONS AS SHOWN ON THE PLANS AND CROSS SECTIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.

MISCELLANEOUS REMOVAL ITEMS REQUIRING RESTORATIONS OF CONCRETE OR ASPHALT DRIVEWAYS, CONCRETE DRIVEWAYS, OR SIDE ROADS/HIGHWAYS SHALL BE REMOVED TO AN EXISTING JOINT OR SAWED AS DETERMINED BY THE ENGINEER IN THE FIELD OR AS SHOWN ON THE PLANS.

CURVE DATA IS BASED ON THE ARC DEFINITION.

THE LOCATION OF ALL PERMANENT SIGNING SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD PRIOR TO PLACEMENT.

ADJUST DITCH GRADING AS NECESSARY TO FIELD CONDITIONS AND AS DIRECTED BY THE ENGINEER IN THE FIELD.

WETLANDS ARE PRESENT WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL NOT OPERATE OR STOCKPILE EQUIPMENT BEYOND THE EXISTING TOE OF SLOPE AT STA. 95+50 - STA. 97+50, RT.

THE SOILS REPORT MAY BE OBTAINED FROM THE ENGINEER.

CONTACTS

WISDOT

WisDOT PROJECT MANAGER
2101 WRIGHT STREET
MADISON, WI 53704
ATTN: LORRAINE BETZEL, P.E.
PH: (608) 246-3279
EMAIL: lorraine.betzel@dot.wi.gov

DESIGN CONSULTANT

TOWN & COUNTRY ENGINEERING
2612 MARKETPLACE DRIVE, SUITE 103
MADISON, WI 53719
ATTN: TIM STIEVE, P.E.
PH: (608) 273-3350
CELL: (920) 723-7789
EMAIL: tstieve@tcengineers.net

WDNR LIAISON

STATE OF WISCONSIN
DNR SOUTH CENTRAL REGION HQ
3911 FISH HATCHERY ROAD
FITCHBURG, WI 53711
ATTN: ERIC HEGGELUND
PH: (608) 228-7927
EMAIL: Eric.Heggelund@wisconsin.gov

VILLAGE OF MCFARLAND

DIRECTOR OF PUBLIC WORKS
5115 TERMINAL DRIVE
MCFARLAND, WI 53558
ATTN: JIM HESSLING
PH: (608) 838-7287
EMAIL: jim.hessling@mcfarland.wi.us

UTILITIES

ELECTRICITY

ALLIANT ENERGY
ATTN: DAN TREINEN
1521 PROGRESS LANE
STOUGHTON, WI 53589
PH: (608) 877-1650
CELL: (608) 459-5259
EMAIL: DanTreinen@alliantenergy.com

GAS/PETROLEUM

ALLIANT ENERGY
ATTN: DAN TREINEN
1521 PROGRESS LANE
STOUGHTON, WI 53589
PH: (608) 877-1650
CELL: (608) 459-5259
EMAIL: DanTreinen@alliantenergy.com

COMMUNICATION LINE

CHARTER COMMUNICATIONS
ATTN: KIRK UPPERMAN
2701 DANIELS STREET
MADISON, WI 53718-6792
PH: (608) 209-3206
EMAIL: Kirk.upperman@charter.com

TDS TELECOMMUNICATIONS

ATTN: MATT SCHULTE
16924 WEST VICTOR ROAD
NEW BERLIN, WI 53151
PH: (262) 754-3063
EMAIL: Matt.schulte@tdstelecom.com

FRONTIER COMMUNICATIONS

ATTN: RUSS RYAN
118 DIVISION STREET
PLYMOUTH, WI 53073
PH: (920) 583-3275
CELL: (920) 797-9662
EMAIL: russell.w.ryan@ftr.com

LIST OF STANDARD ABBREVIATIONS

ABUT	Abutment	INV	Invert	RDWY	Roadway
AC	Acre	IP	Iron Pipe or Pin	SALV	Salvaged
AGG	Aggregate	IRS	Iron Rod Set	SAN S	Sanitary Sewer
AH	Ahead	JT	Joint	SEC	Section
<	Angle	JCT	Junction	SHLDR	Shoulder
ASPH	Asphaltic	LHF	Left-Hand Forward	SHR	Shrinkage
AVG	Average	L	Length of Curve	SW	Sidewalk
ADT	Average Daily Traffic	LIN FT	Linear Foot	S	South
BAD	Base Aggregate Dense	or LF		SQ	Square
BK	Back	LC	Long Chord of Curve	SF or SQ FT	Square Feet
BF	Back Face	MH	Manhole	SY or SQ YD	Square Yard
BM	Bench Mark	MB	Mailbox	STD	Standard
BR	Bridge	ML or M/L	Match Line	SDD	Standard Detail Drawings
C or C/L	Center Line	N	North	STH	State Trunk Highways
CC	Center to Center	Y	North Grid Coordinate	STA	Station
C.E.	Commercial Entrance	OD	Outside Diameter	SS	Storm Sewer
CTH	County Trunk Highway	PLE	Permanent Limited Easement	SG	Subgrade
CR	Creek	PT	Point	SE	Superelevation
CR	Crushed	PC	Point of Curvature	SL or S/L	Survey Line
CY or CU YD	Cubic Yard	PI	Point of Intersection	SV	Septic Vent
CP	Culvert Pipe	PRC	Point of Reverse Curvature	T	Tangent
C & G	Curb and Gutter			TEL	Telephone
D	Degree of Curve	PT	Point of Tangency	TEMP	Temporary
DHV	Design Hour Volume	POC	Point On Curve	TI	Temporary Interest
DIA	Diameter	POT	Point on Tangent	TLE	Temporary Limited Easement
E	East	PVC	Polyvinyl Chloride		
X	East Grid Coordinate	PCC	Portland Cement Concrete	t	Ton
ELEC	Electric (al)			T or TN	Town
EL or ELEV	Elevation	LB	Pound	TRANS	Transition
ESALS	Equivalent Single Axle Loads	PSI	Pounds Per Square Inch	TL or T/L	Transit Line
EBS	Excavation Below Subgrade	P.E.	Private Entrance	T	Trucks (percent of)
FF	Face to Face	R	Radius	TYP	Typical
F.E.	Field Entrance	RR	Railroad	UNCL	Unclassified
F	Fill	R	Range	UG	Underground Cable
FG	Finished Grade	RL or R/L	Reference Line	USH	United States Highway
FL or F/L	Flow Line	RP	Reference Point	VAR	Variable
FT	Foot	RCCP	Reinforced Concrete Culvert Pipe	V	Velocity or Design Speed
FTG	Footing	REQD	Required	VERT	Vertical
GN	Grid North	RES	Residence or Residential	VC	Vertical Curve
HT	Height	RW	Retaining Wall	VOL	Volume
CWT	Hundredweight	RT	Right	WM	Water Main
HYD	Hydrant	RHF	Right-Hand Forward	WV	Water Valve
INL	Inlet	R/W	Right-of-Way	W	West
ID	Inside Diameter	RD	Road	WB	Westbound
		R	River	YD	Yard

ORDER OF SECTION 2 SHEETS:

- WRITTEN MATERIAL

- PROJECT OVERVIEW

- TYPICAL SECTIONS

- CONSTRUCTION DETAILS

- INTERSECTION DETAILS

- PAVING DETAILS

- EROSION CONTROL PLAN

- STORM SEWER PLAN

- PERMANENT SIGNING/PAVEMENT MARKING

- TRAFFIC CONTROL

- ALIGNMENT DETAILS

2

PROJECT NO: 5685-00-05

HWY: EXCHANGE STREET

COUNTY: DANE

GENERAL NOTES, UTILITIES, CONTACTS, & ABBREVIATIONS

SHEET

E

FILE NAME : J:\JOB#5\MCFARLAND\MC-134-M4 EXCHANGE STREET PRELIMINARY ENGINEERING (FILE)\DRAWING\MC 134 TITLE.DWG

LAYOUT NAME - GENERAL NOTES

PLOT DATE : 6/10/2022 6:14 AM

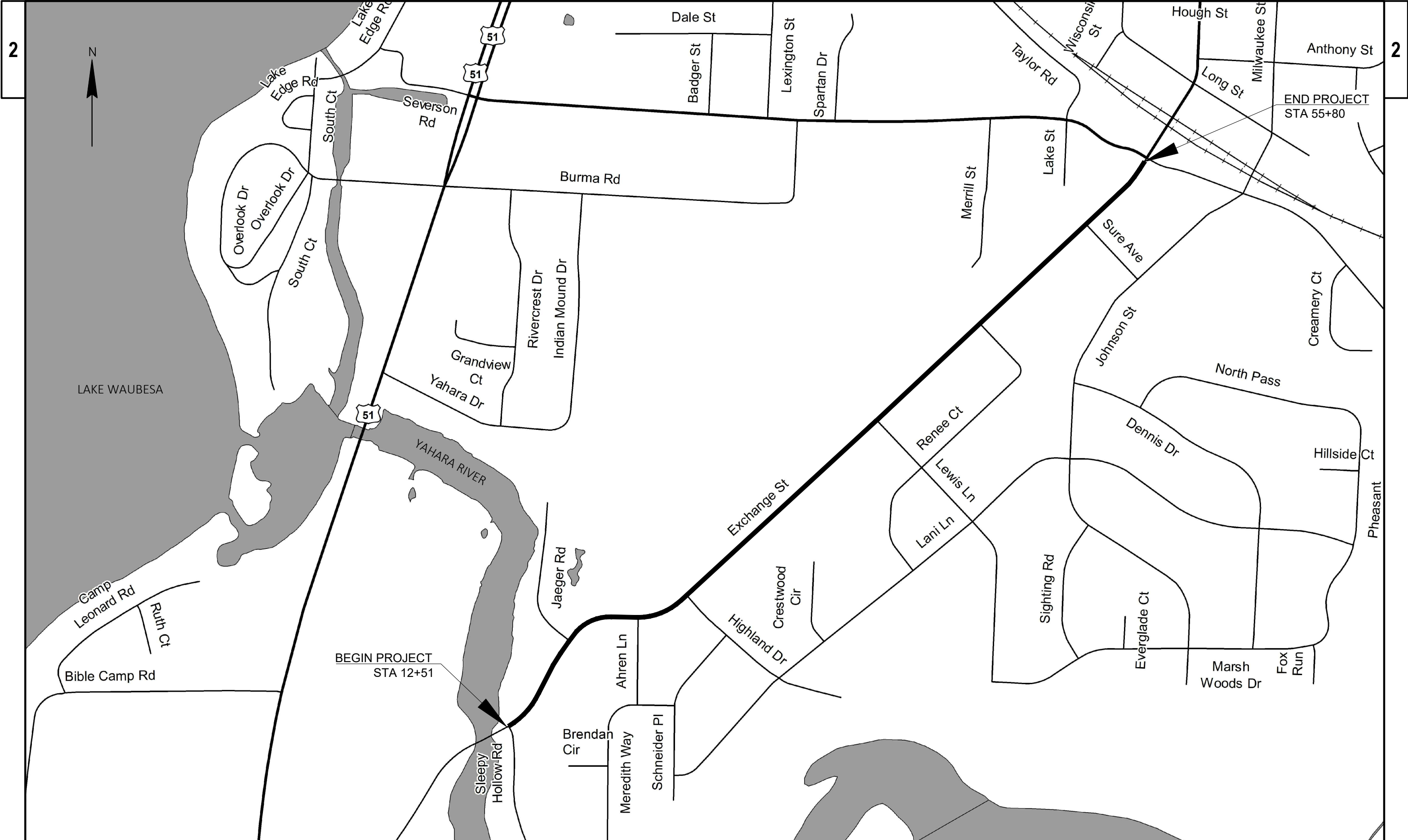
PLOT BY : TIM STIEVE

PLOT NAME :

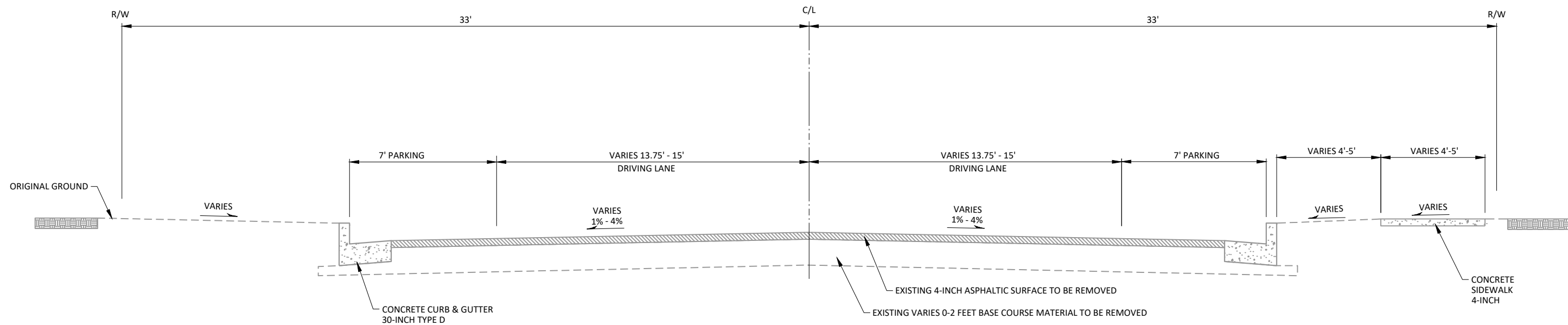
PLOT SCALE : 1 IN:100 FT

WISDOT/CADDs SHEET 42

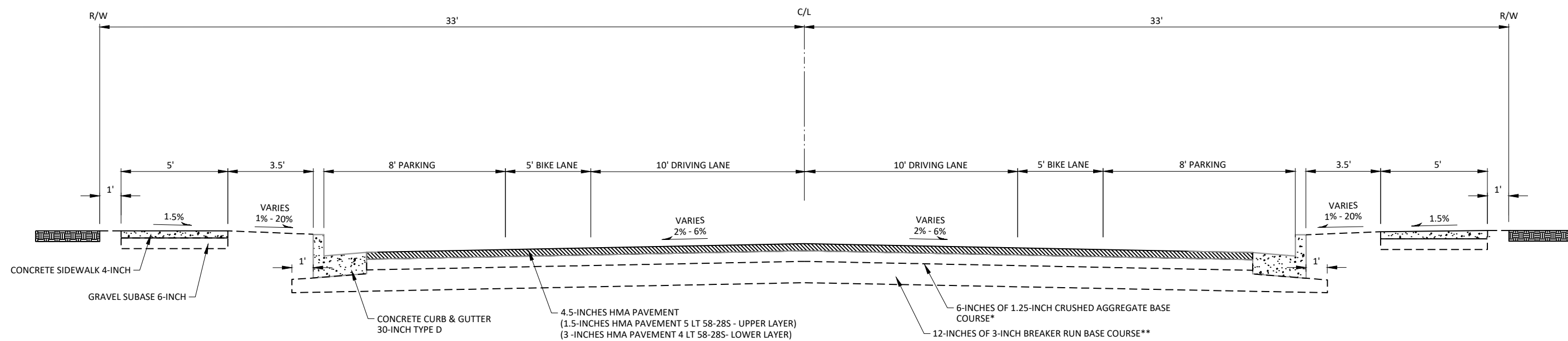
Page 9 of 115



PROJECT NO: 5685-00-04/05	HWY: EXCHANGE STREET	COUNTY: DANE	PROJECT OVERVIEW	SHEET	E
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**TYPICAL EXISTING SECTION**

EXCHANGE STREET
STA. 12+51 - STA. 55+80

**TYPICAL FINISHED SECTION**

EXCHANGE STREET
STA. 12+51 - STA. 55+80

*THE CROWN OF THE ROAD SHALL BE CREATED USING THE ¾-INCH CRUSHED BASE COURSE. THE THICKNESS SHOWN IS THE MINIMUM THICKNESS REQUIRED AS MEASURED AT THE CONCRETE CURB AN GUTTER SECTION.

**THE 3-INCH BREAKER RUN BASE COURSE THICKNESS MAY NEED TO BE INCREASED DEPENDING UPON SUBGRADE CONDITIONS.

PROJECT NO: 5685-00-04/05

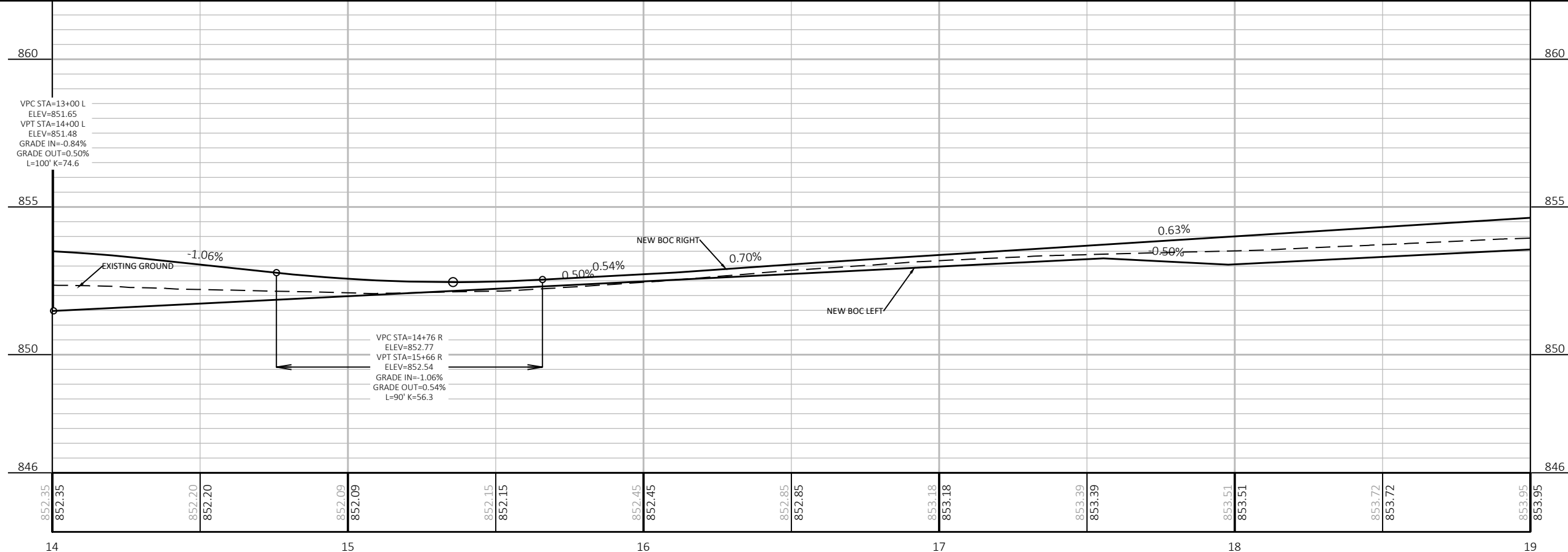
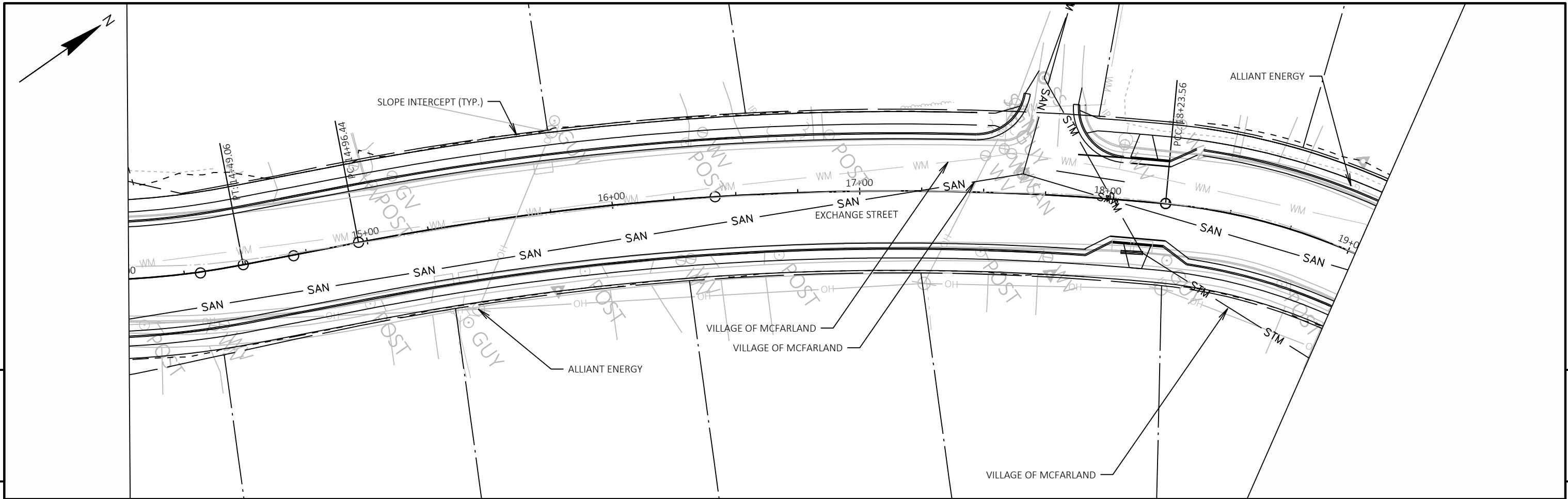
HWY: EXCHANGE STREET

COUNTY: DANE

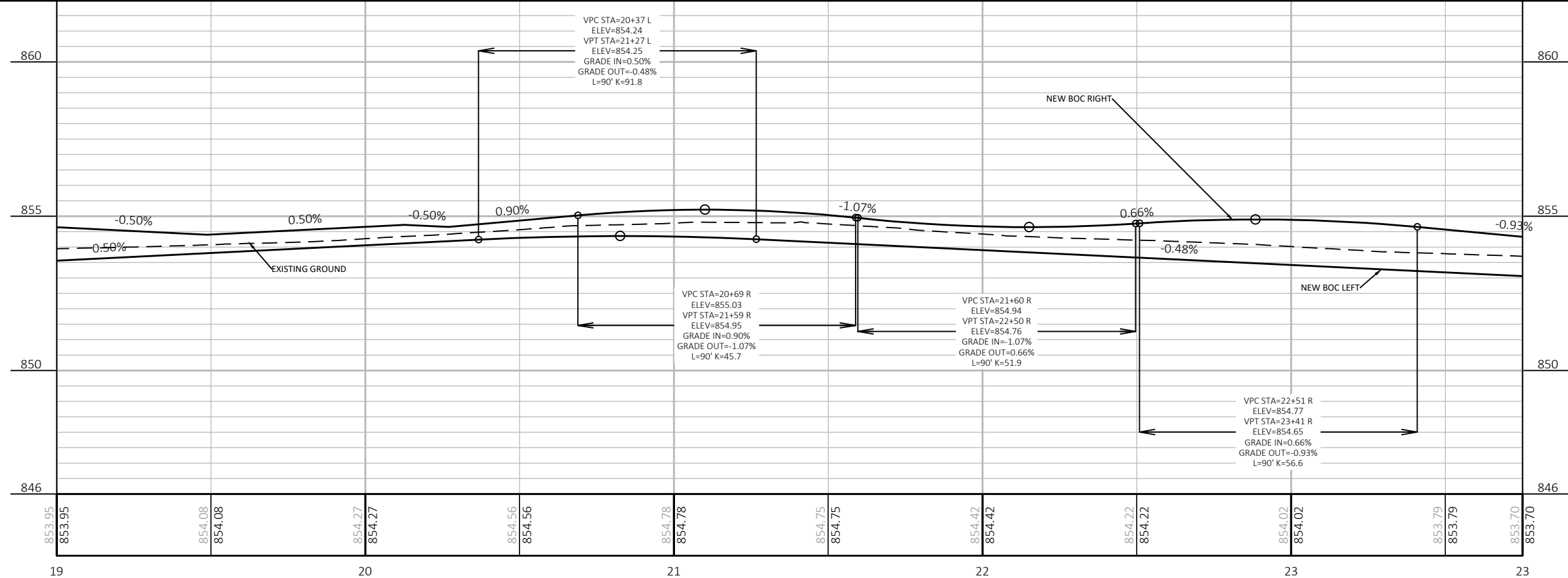
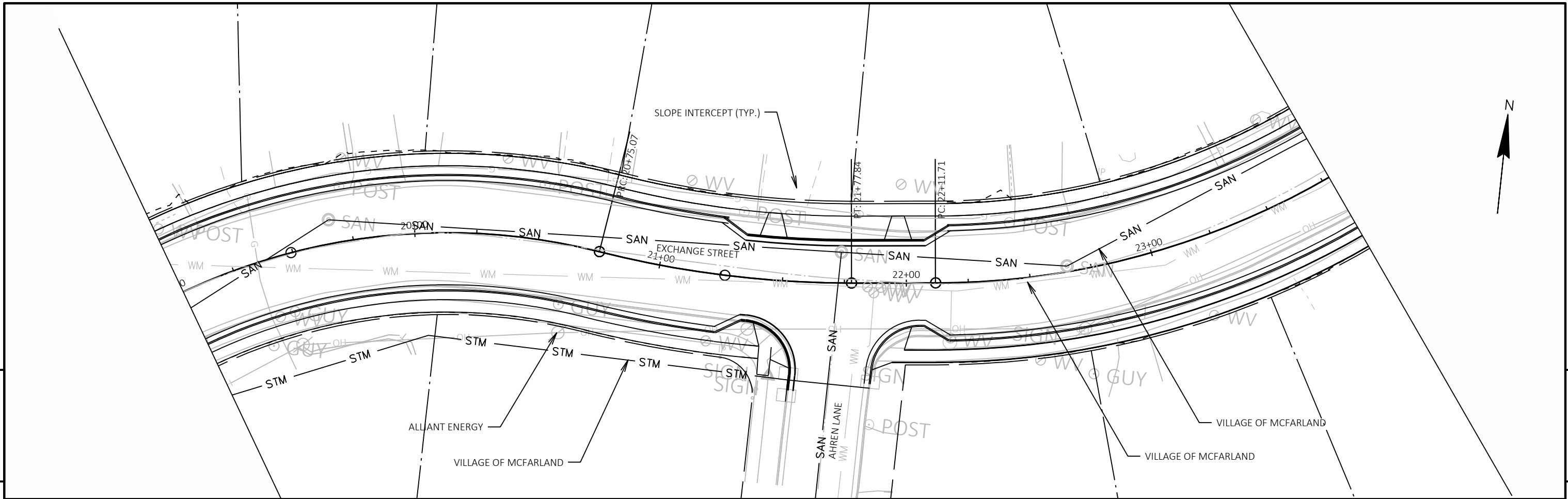
TYPICAL SECTIONS

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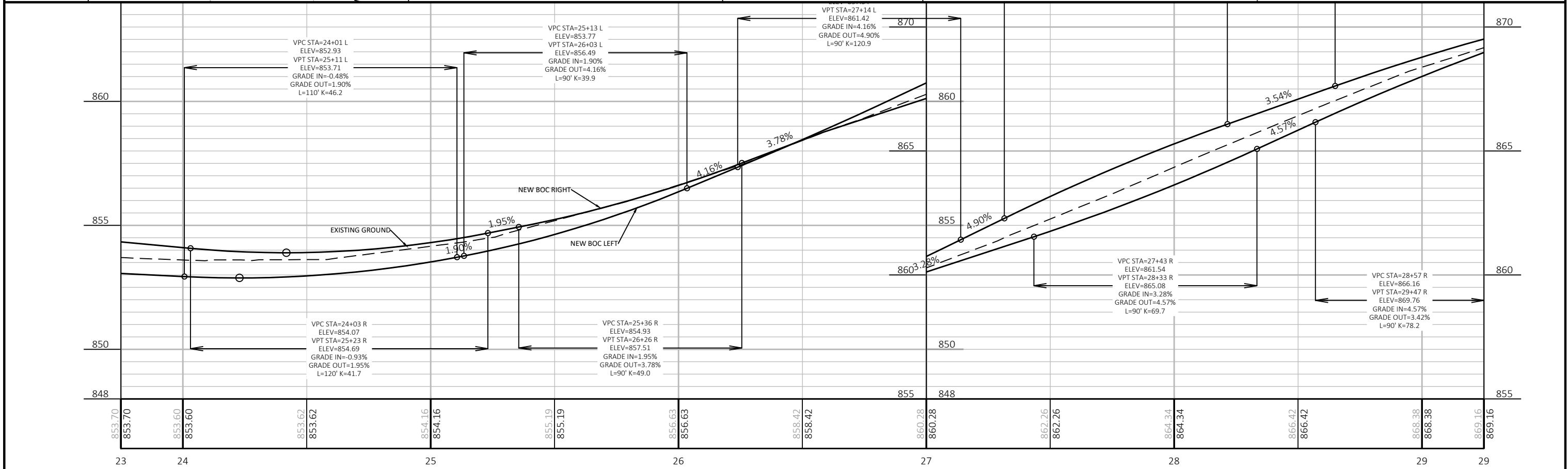
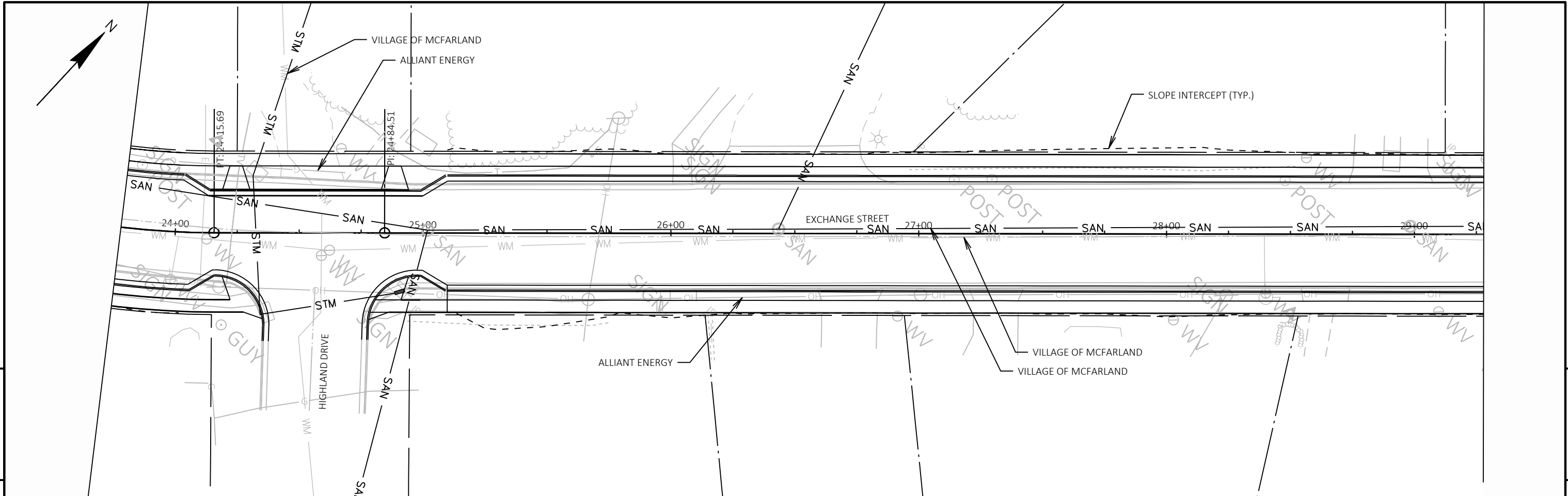
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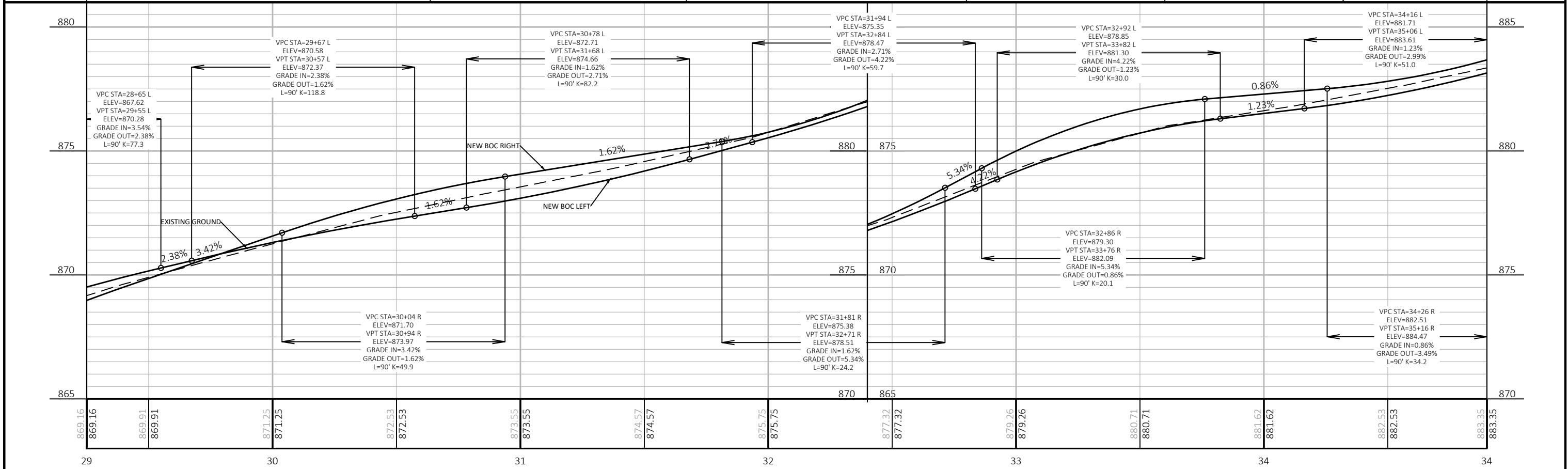
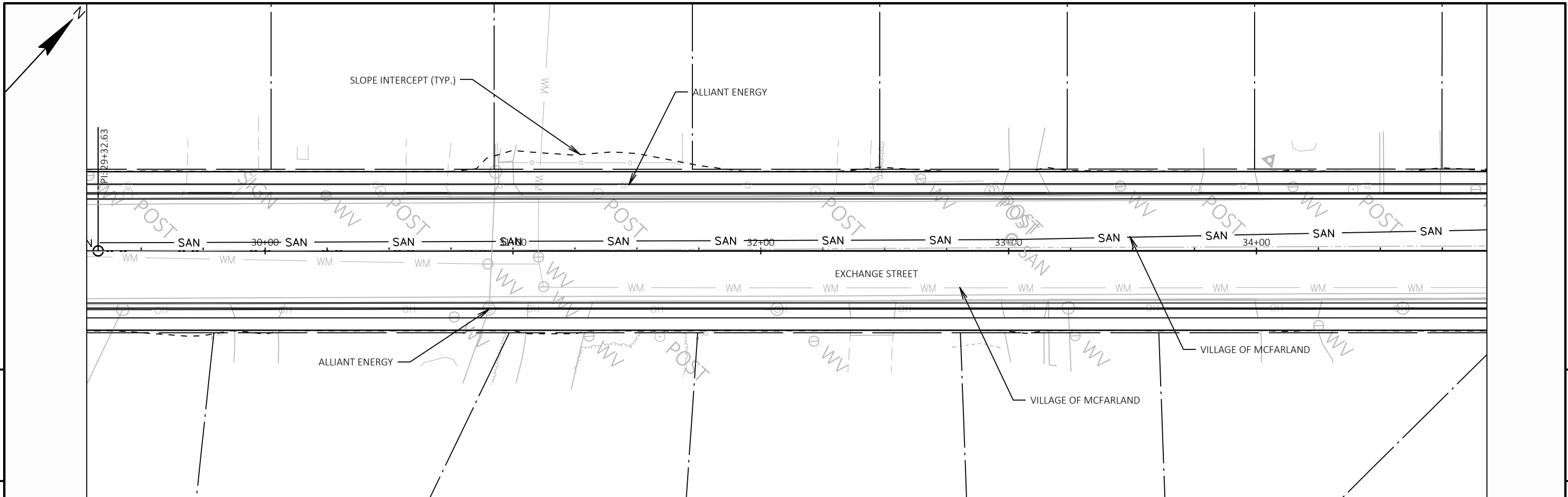
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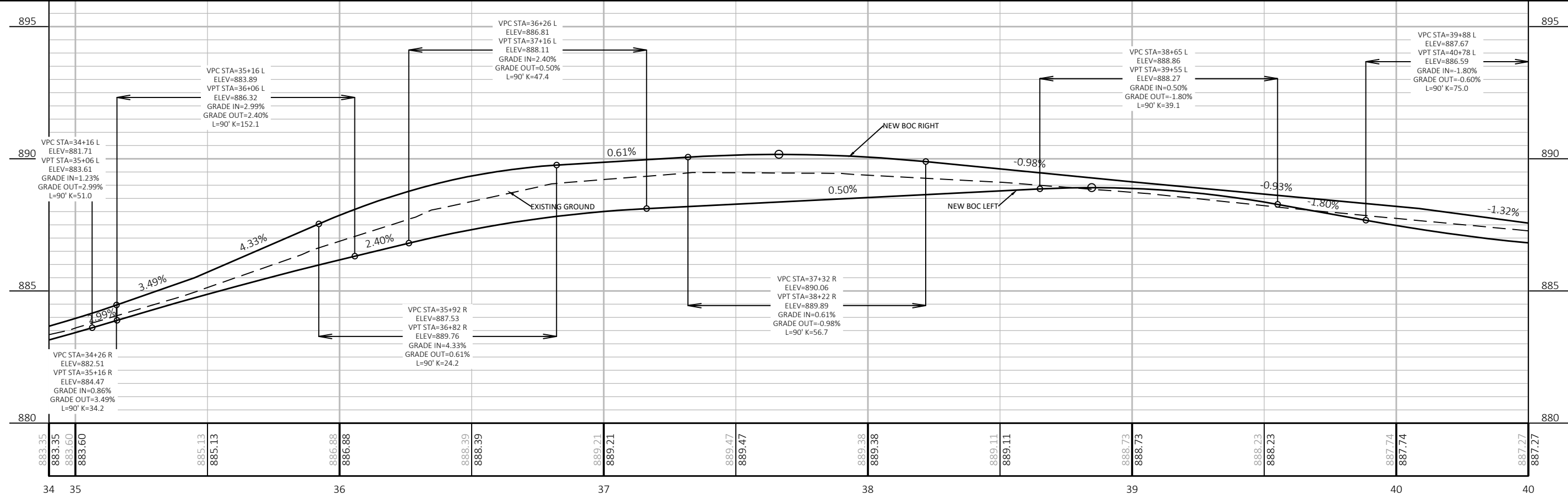
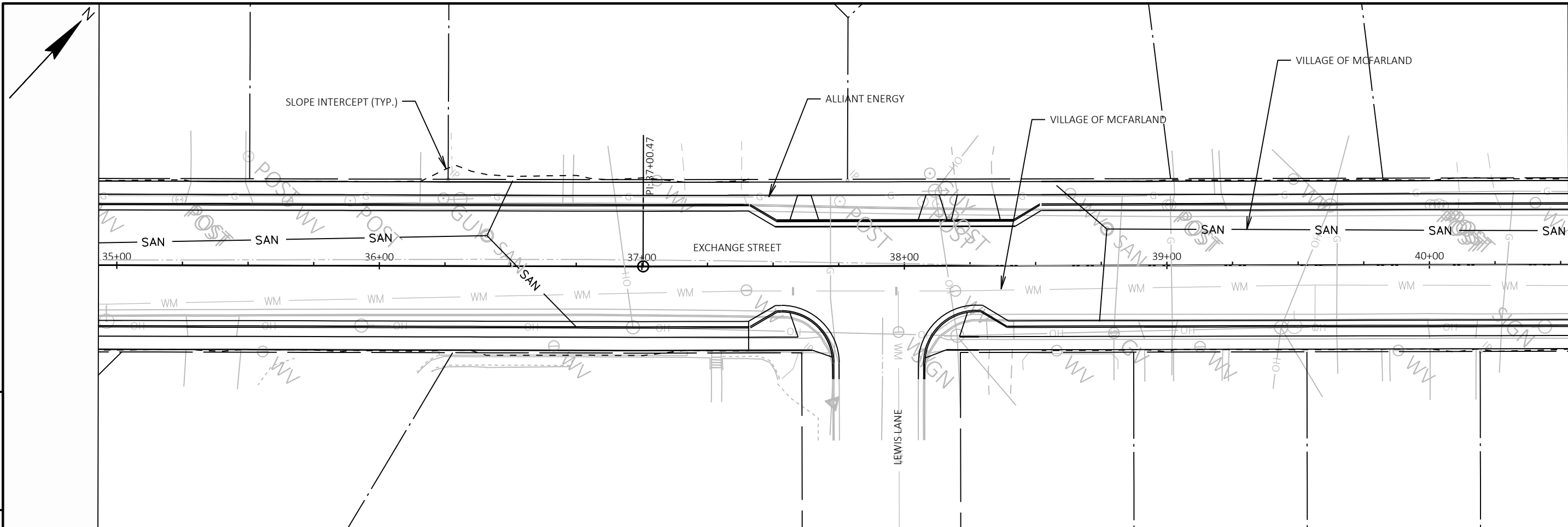
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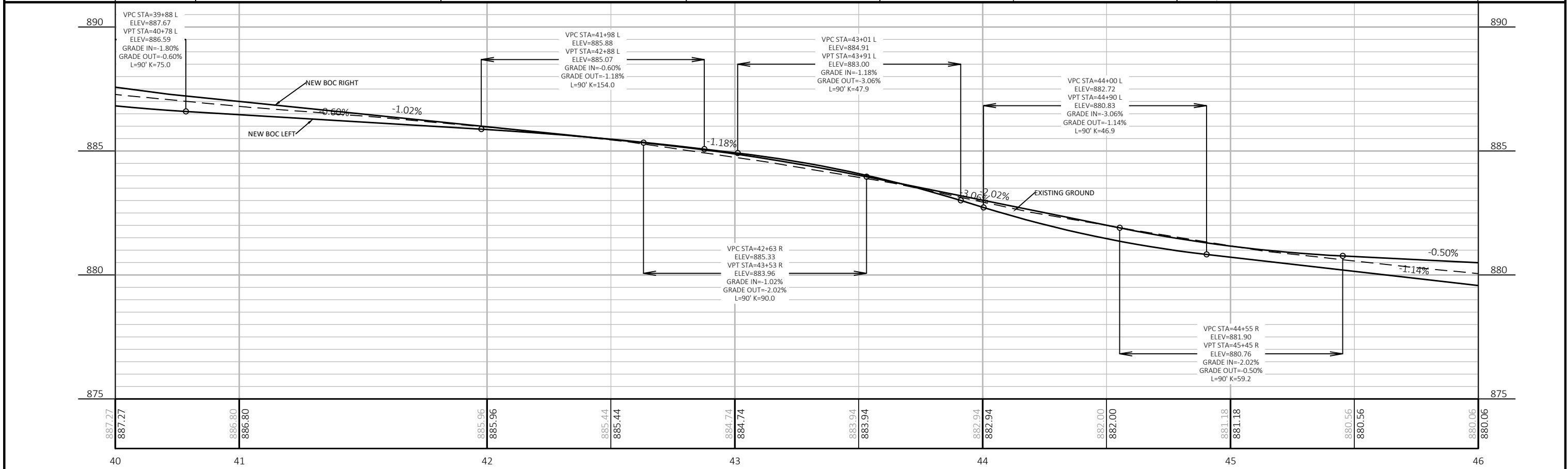
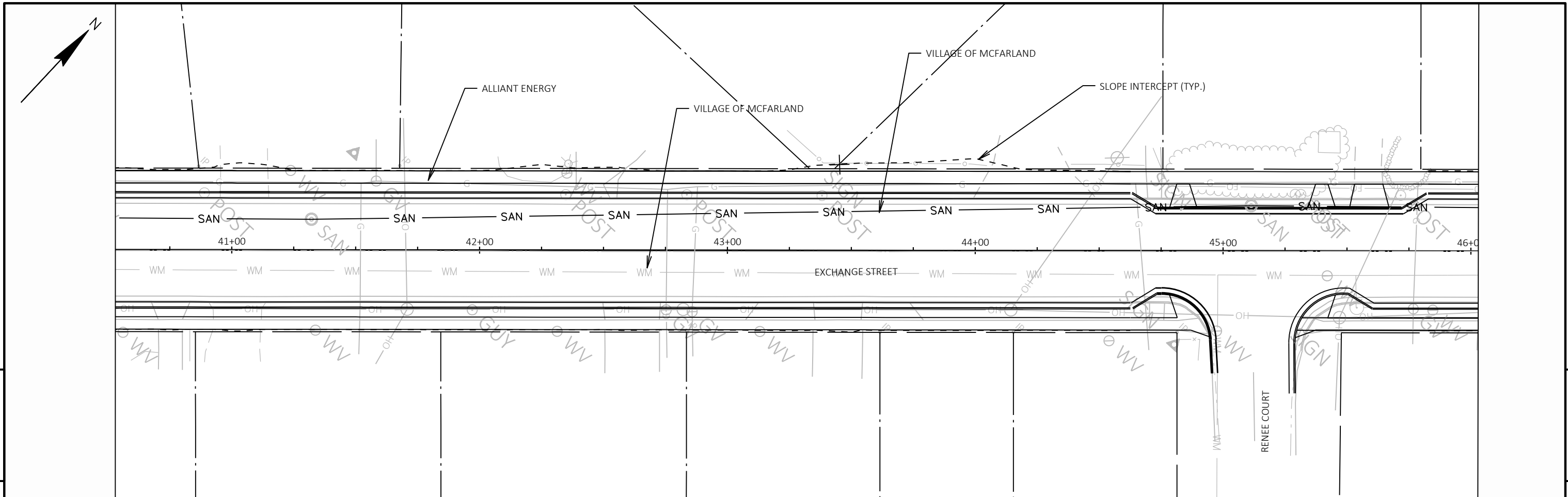
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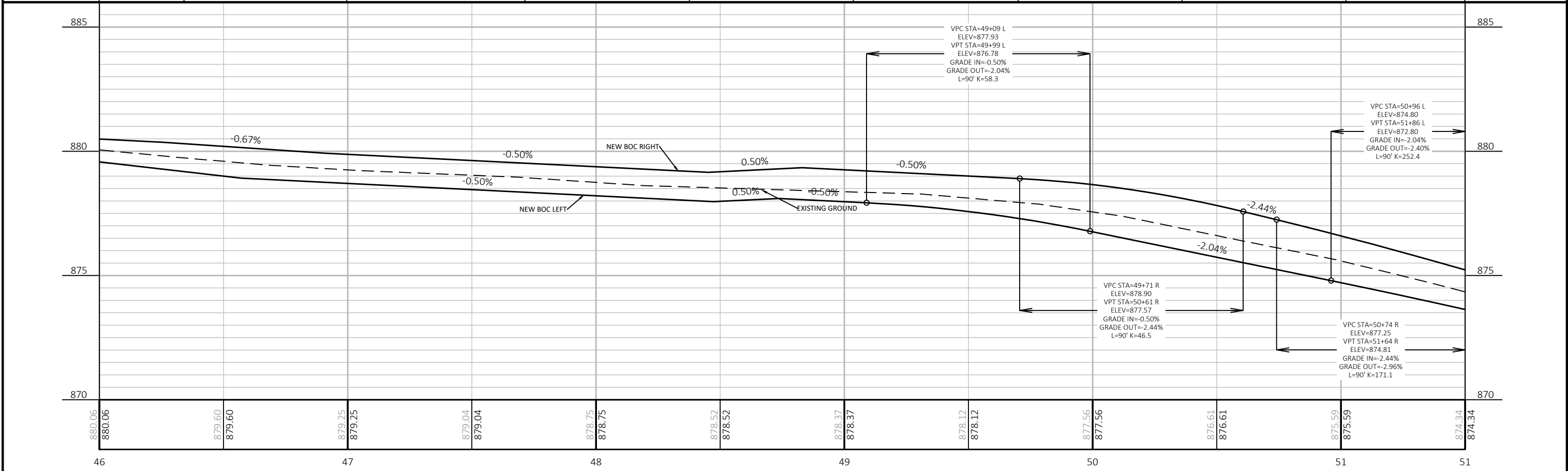
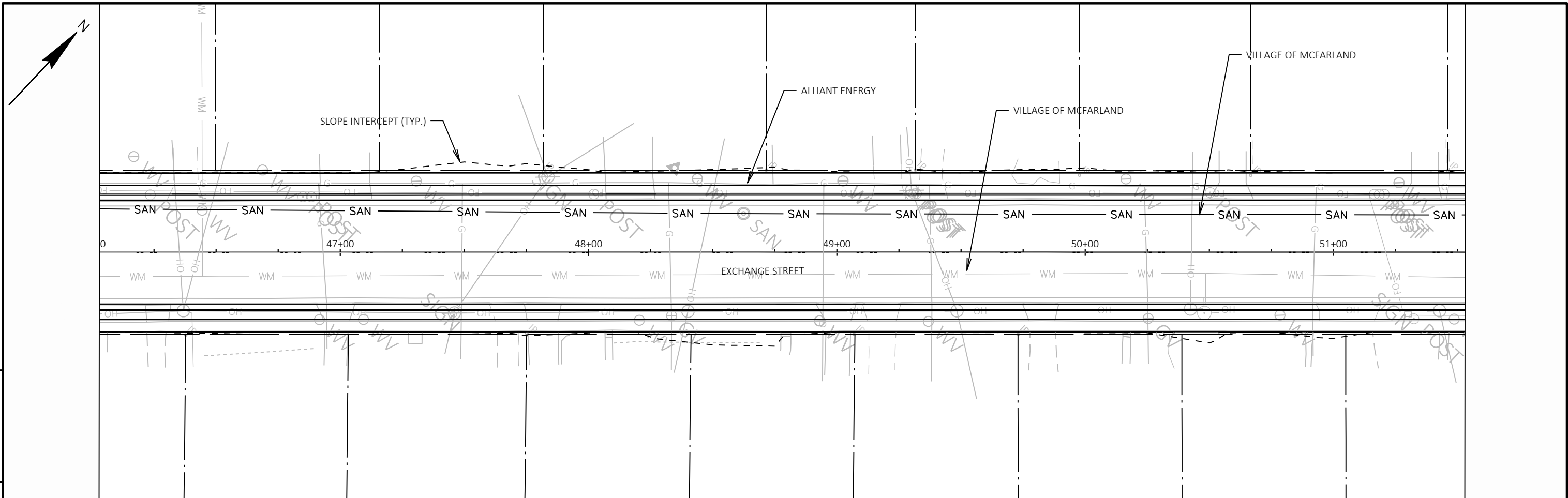
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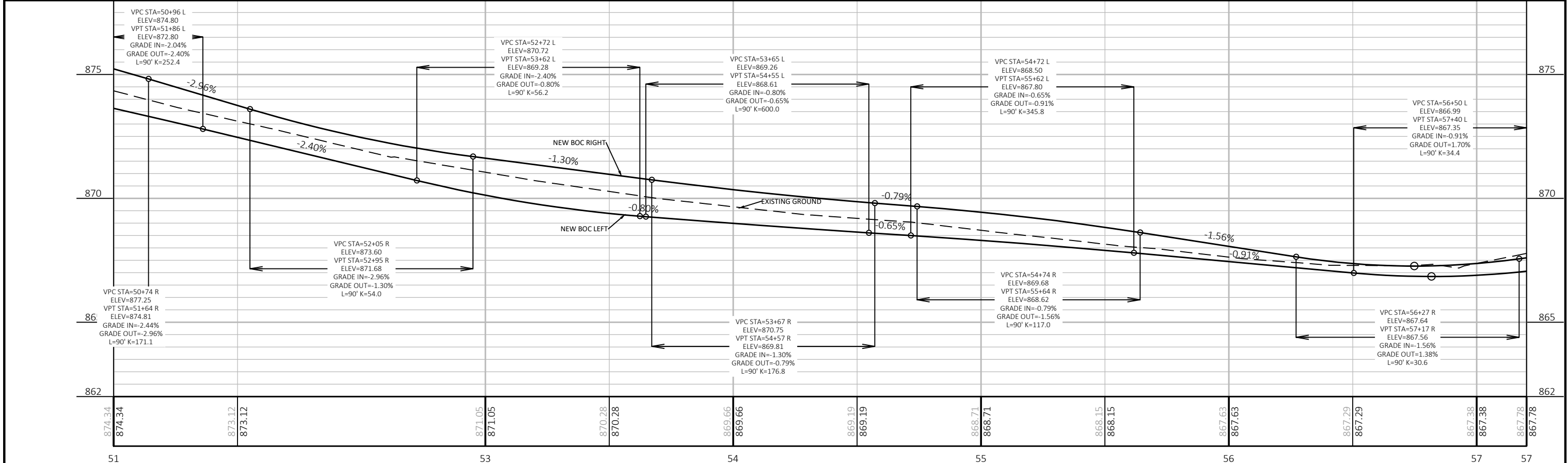
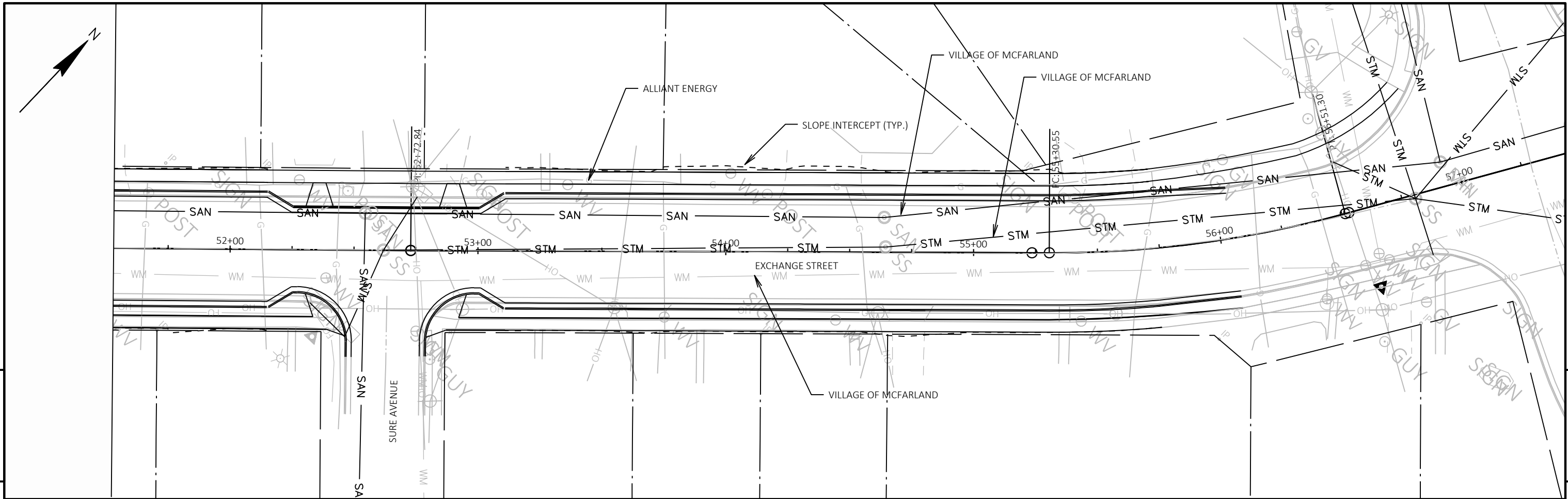
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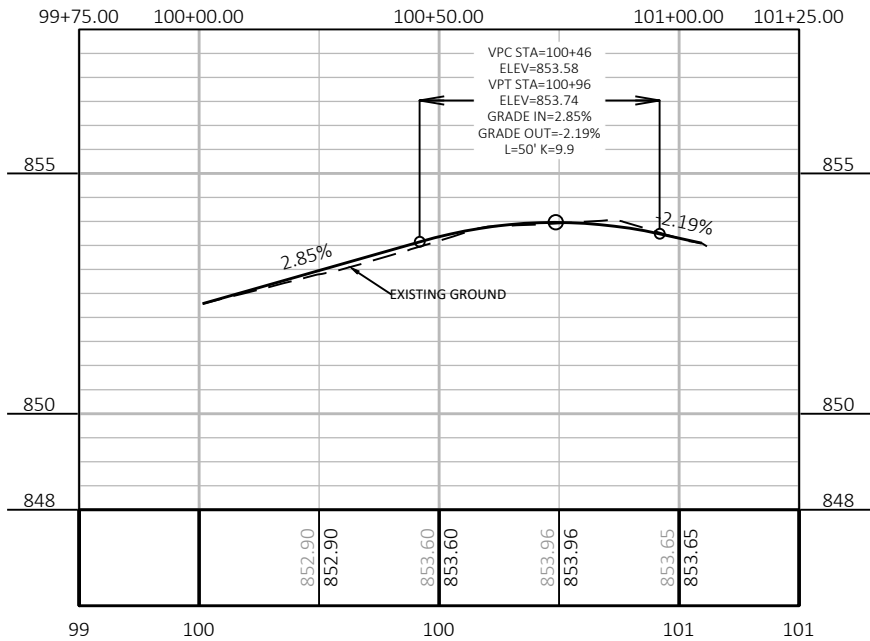
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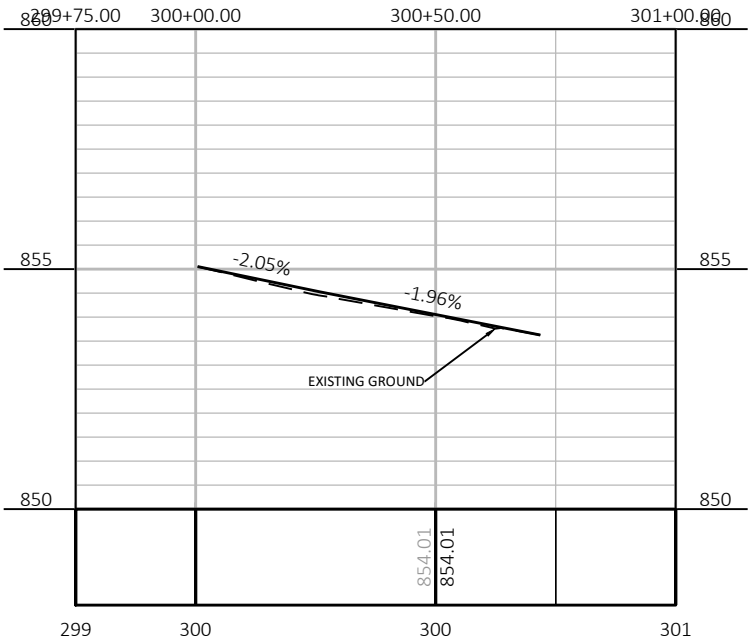
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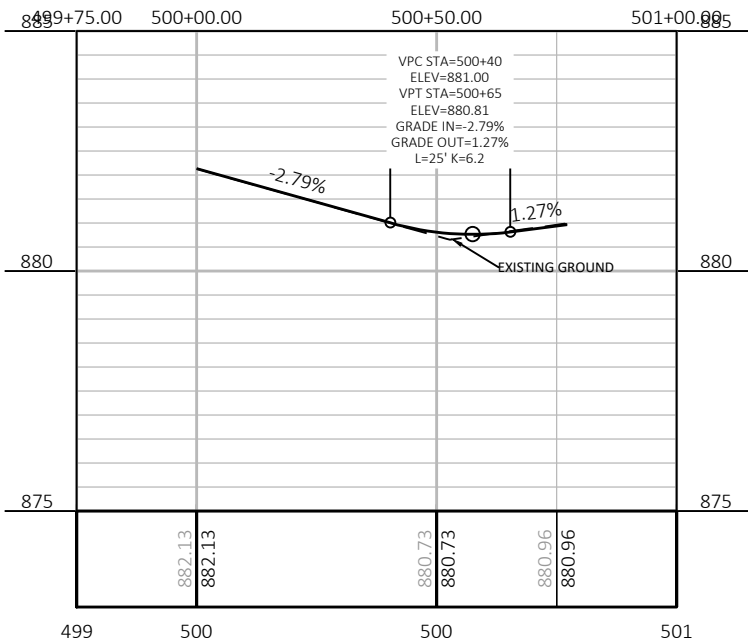
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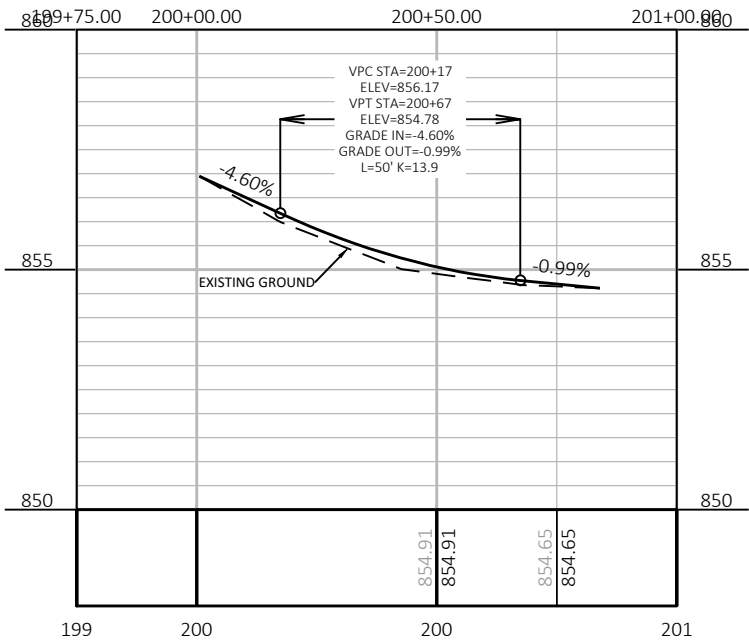


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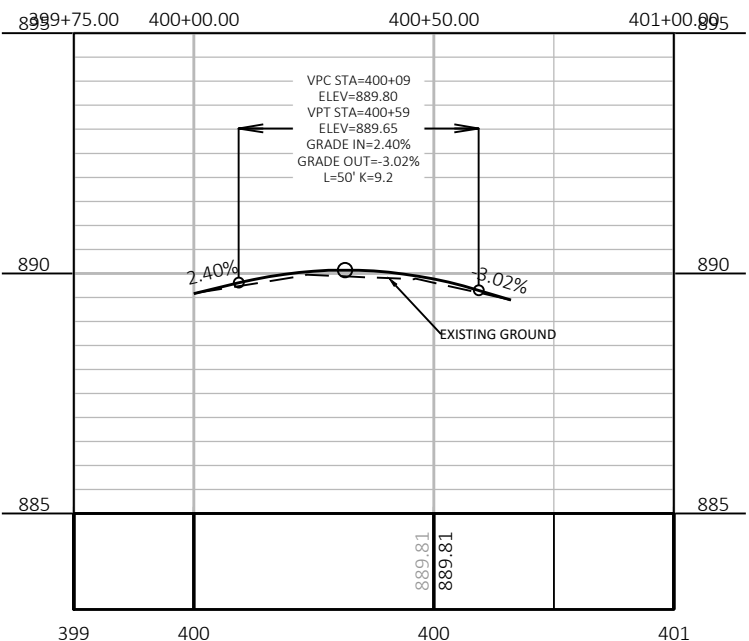


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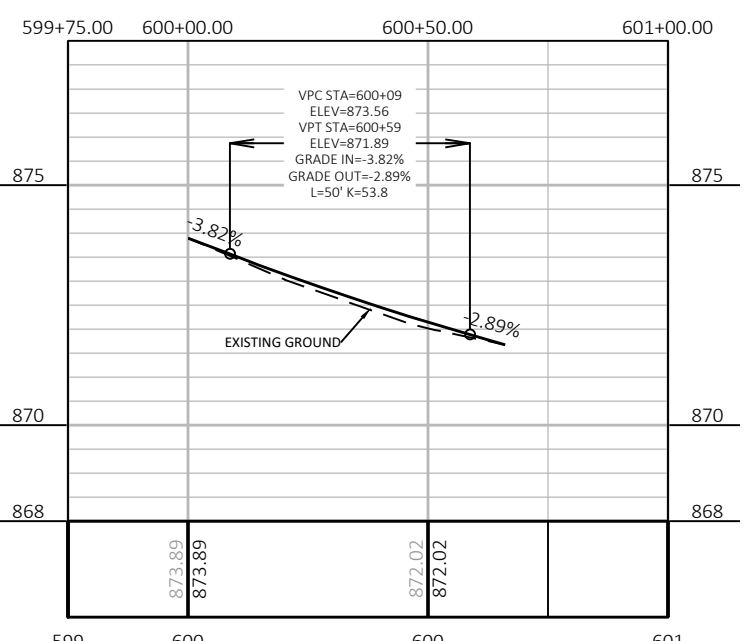
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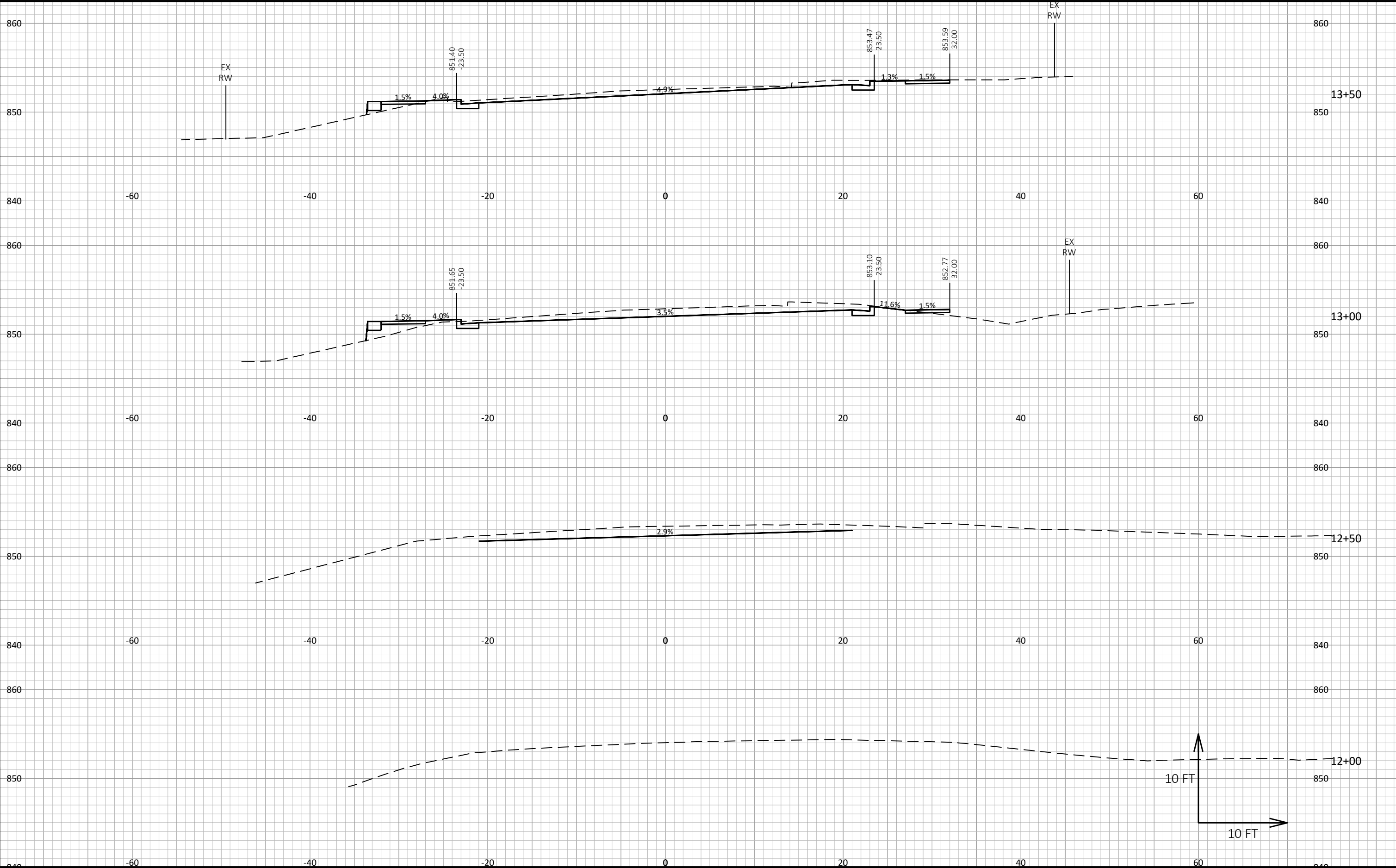


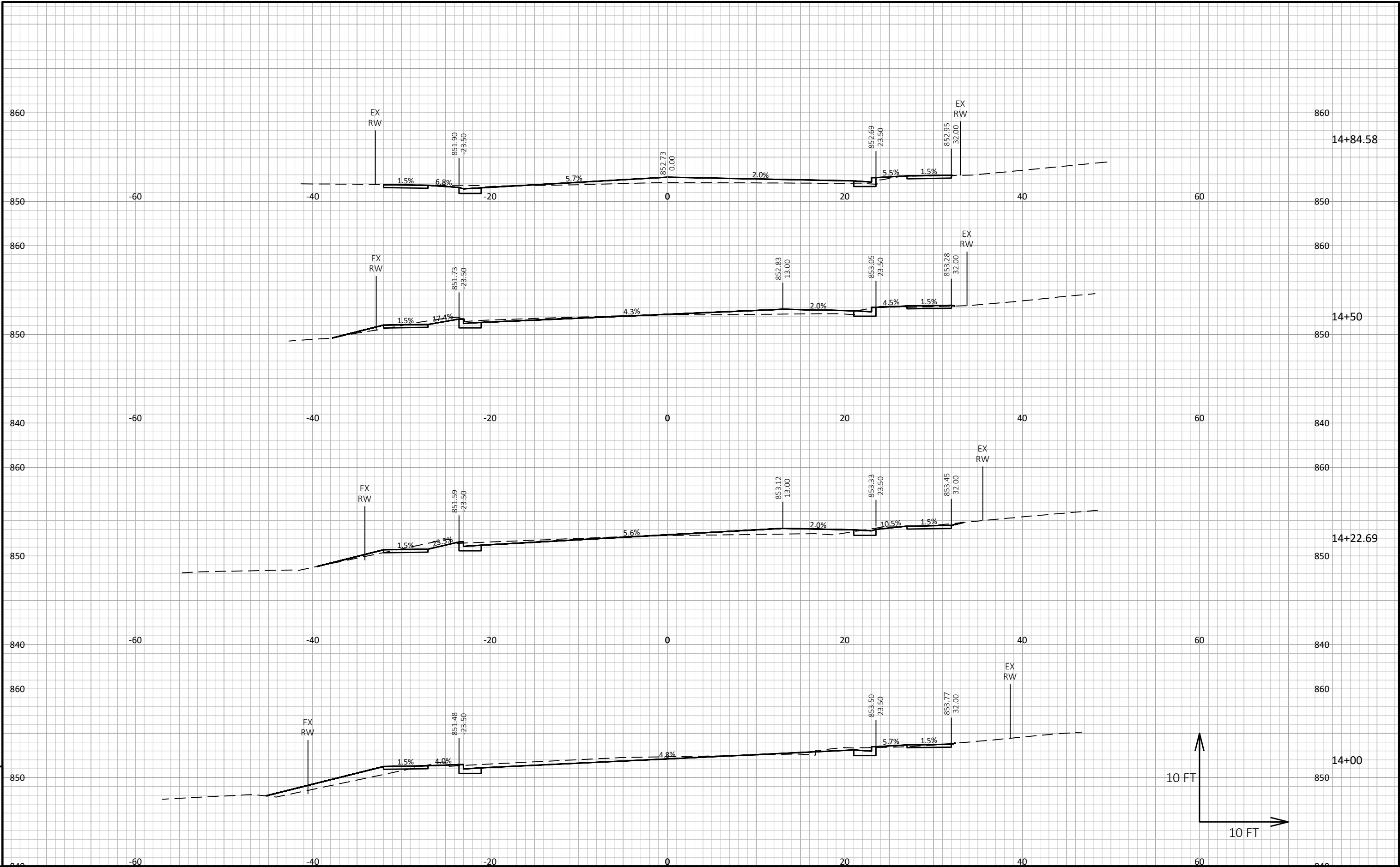
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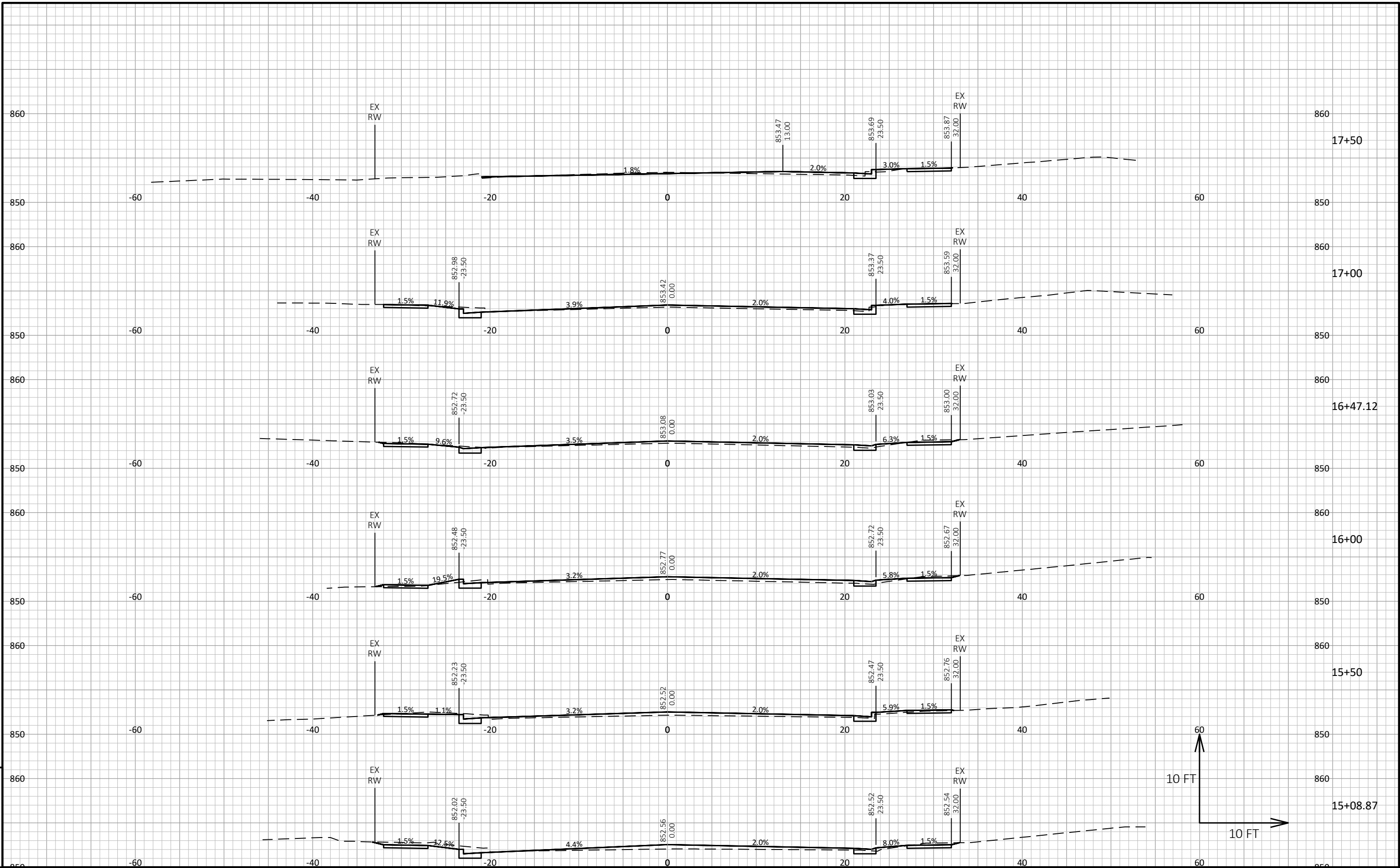


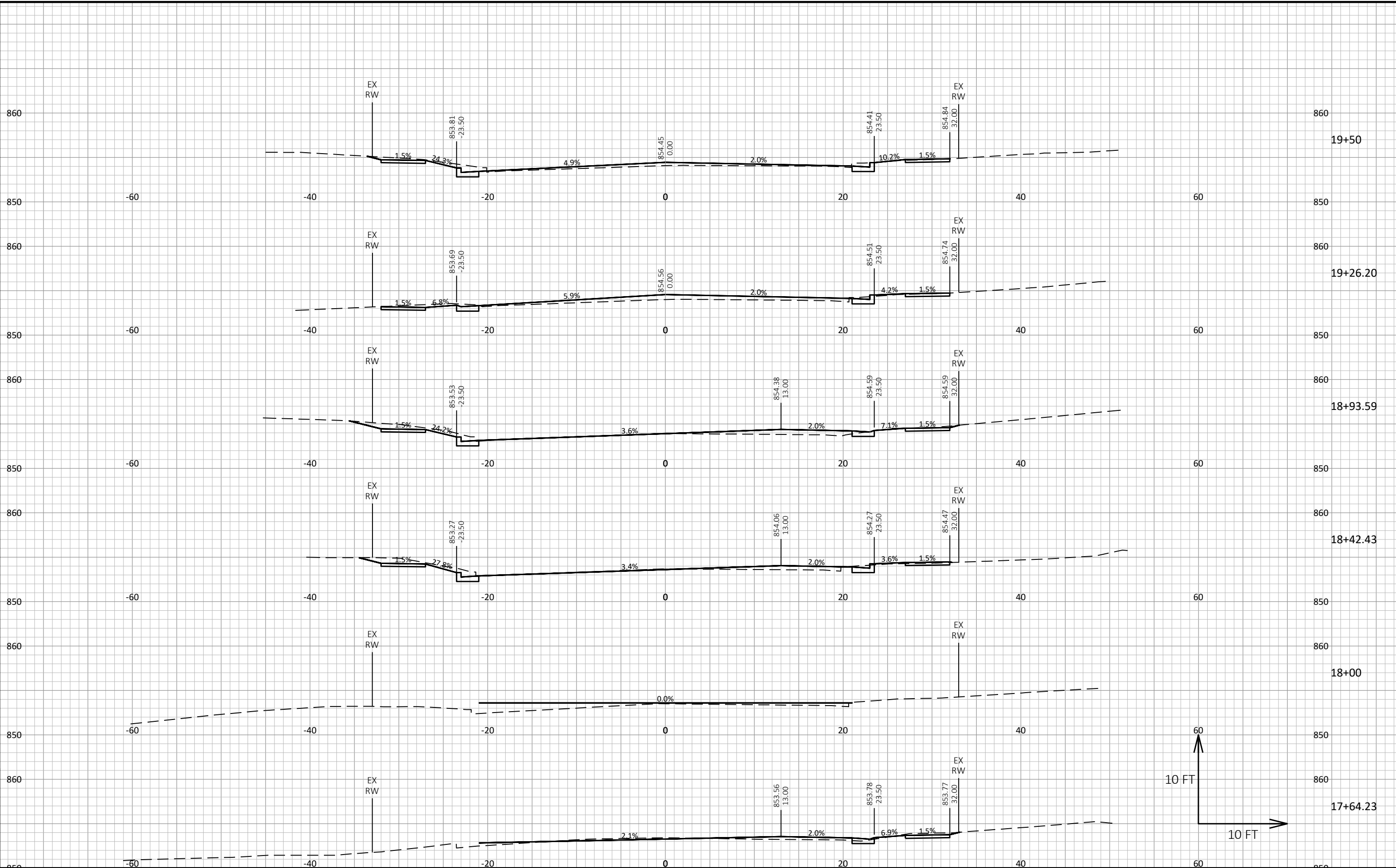
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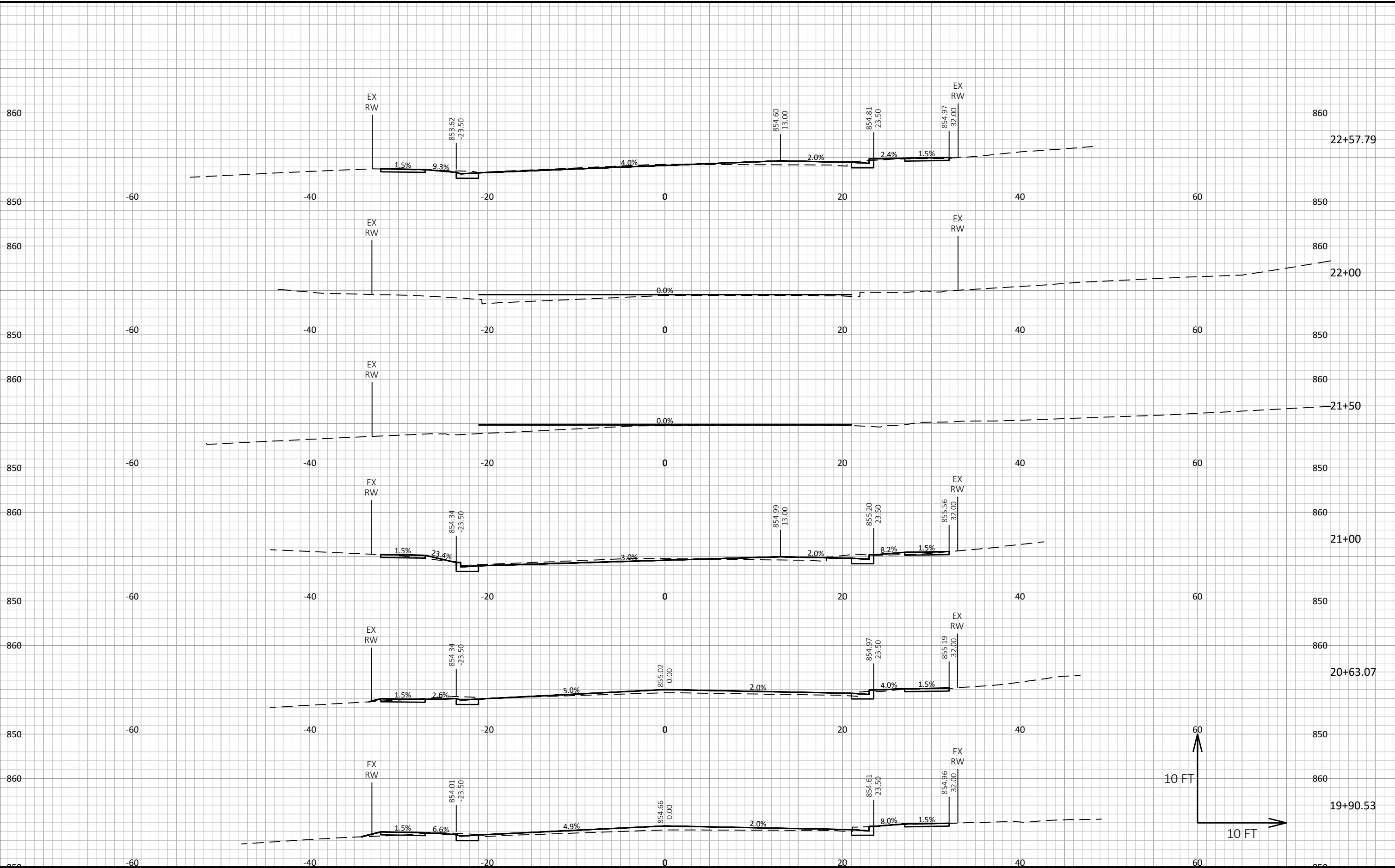




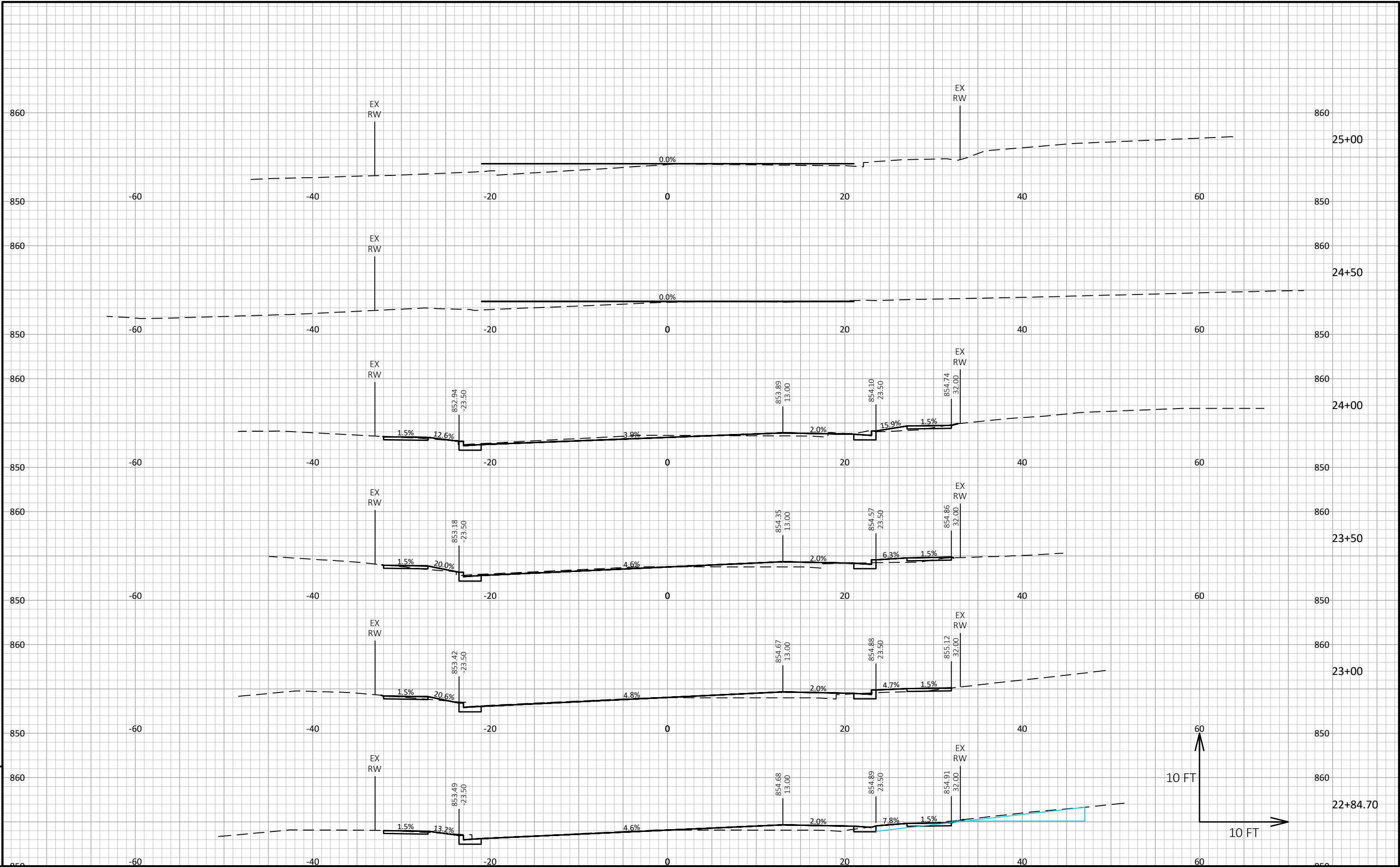


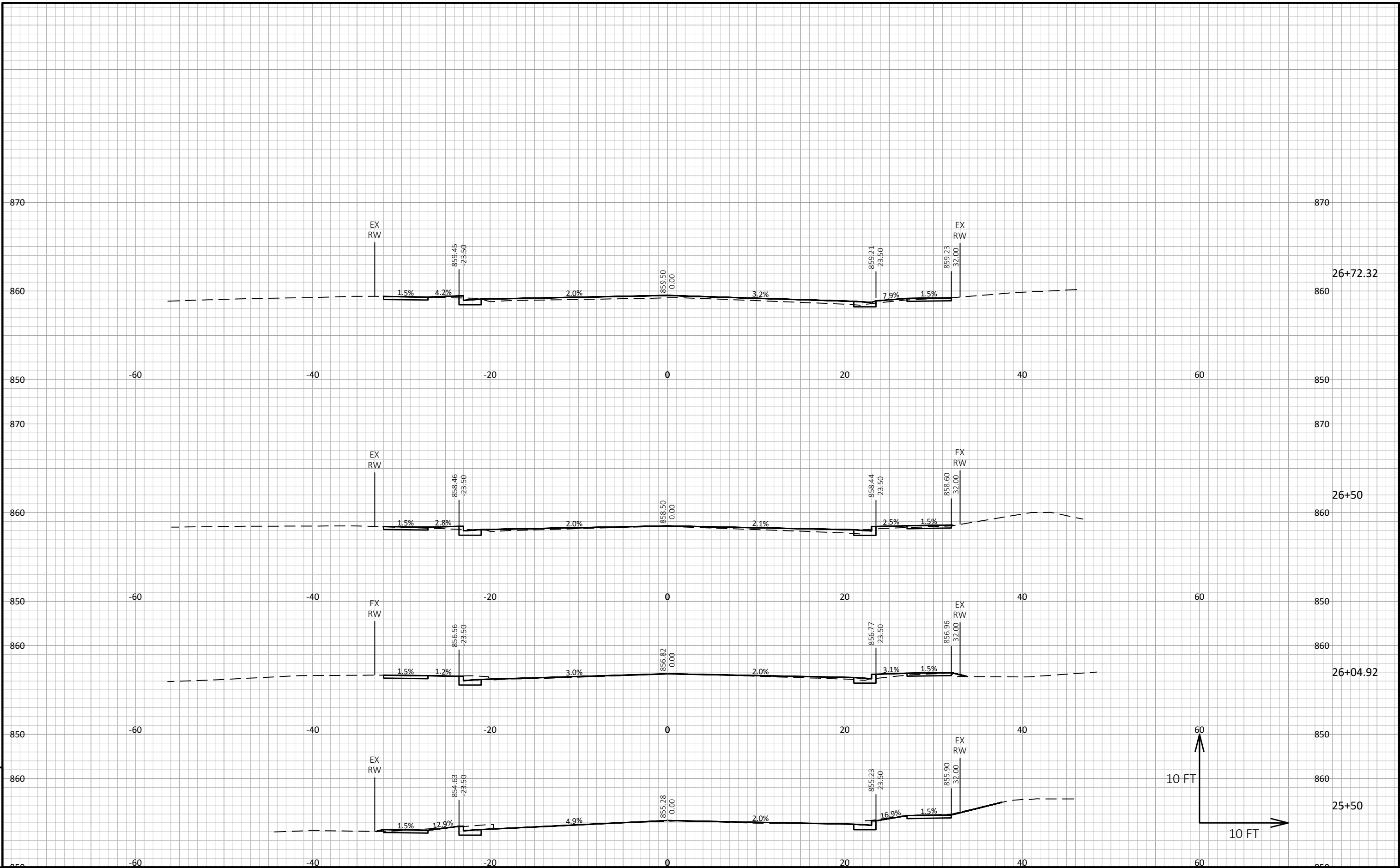


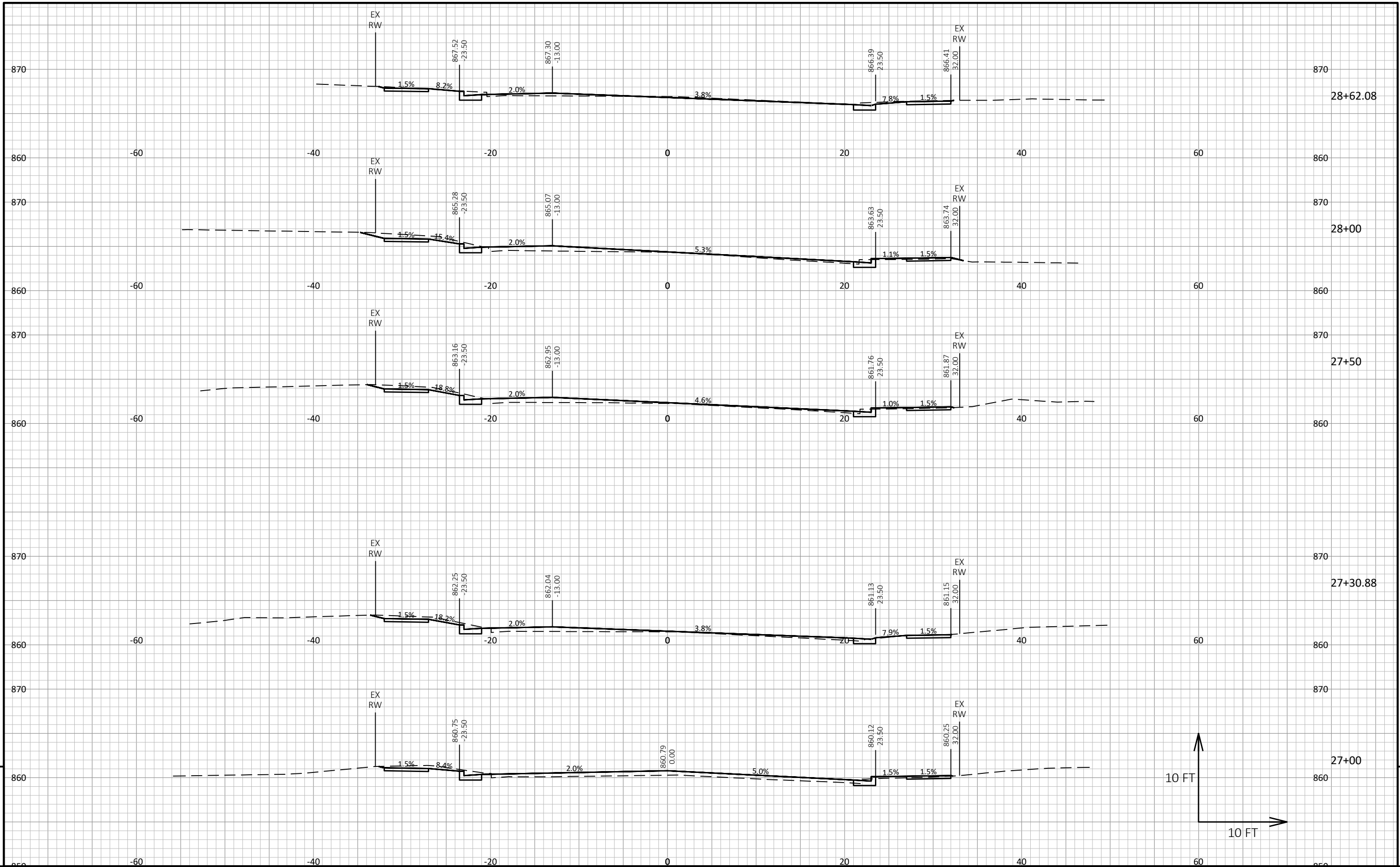
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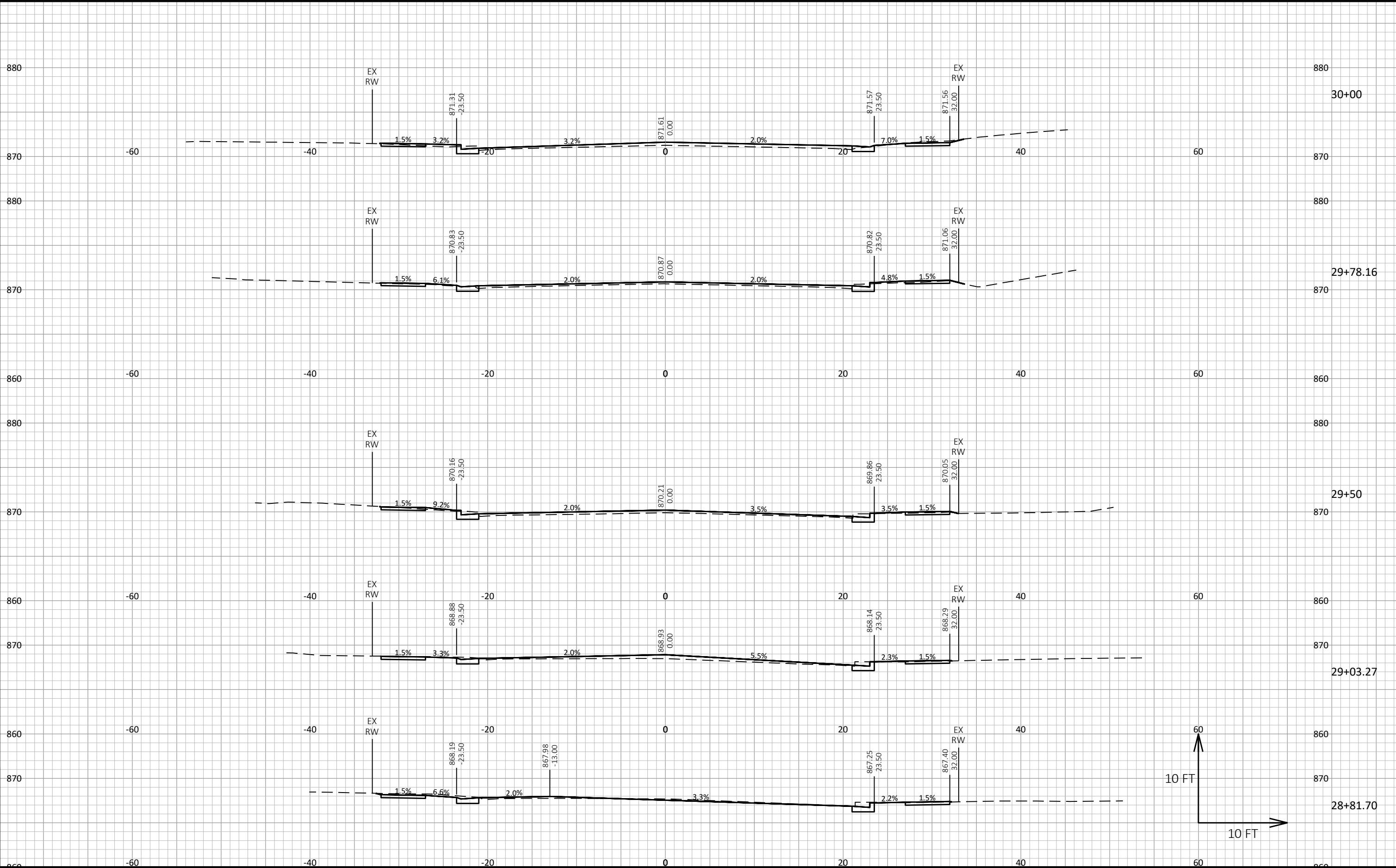


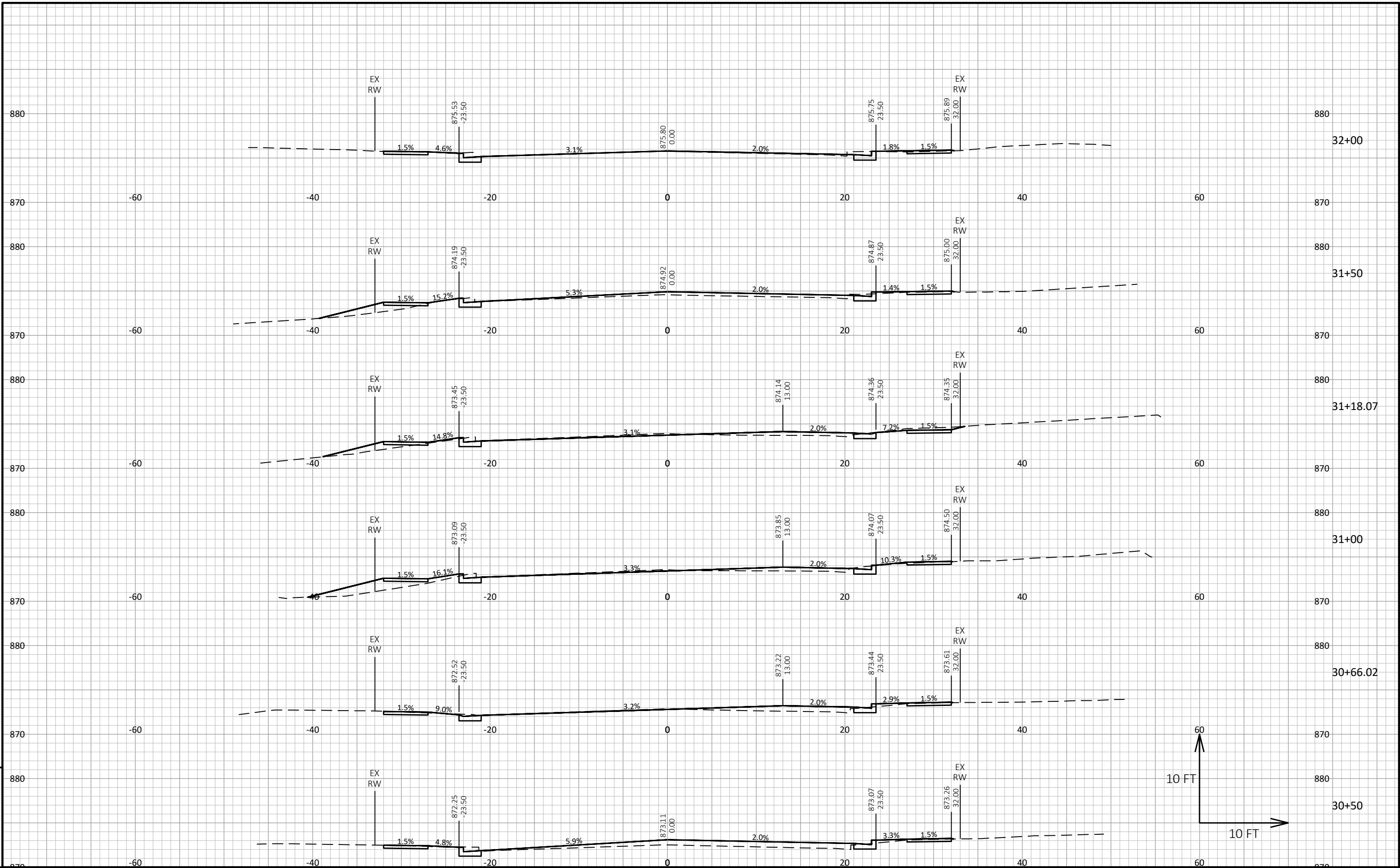
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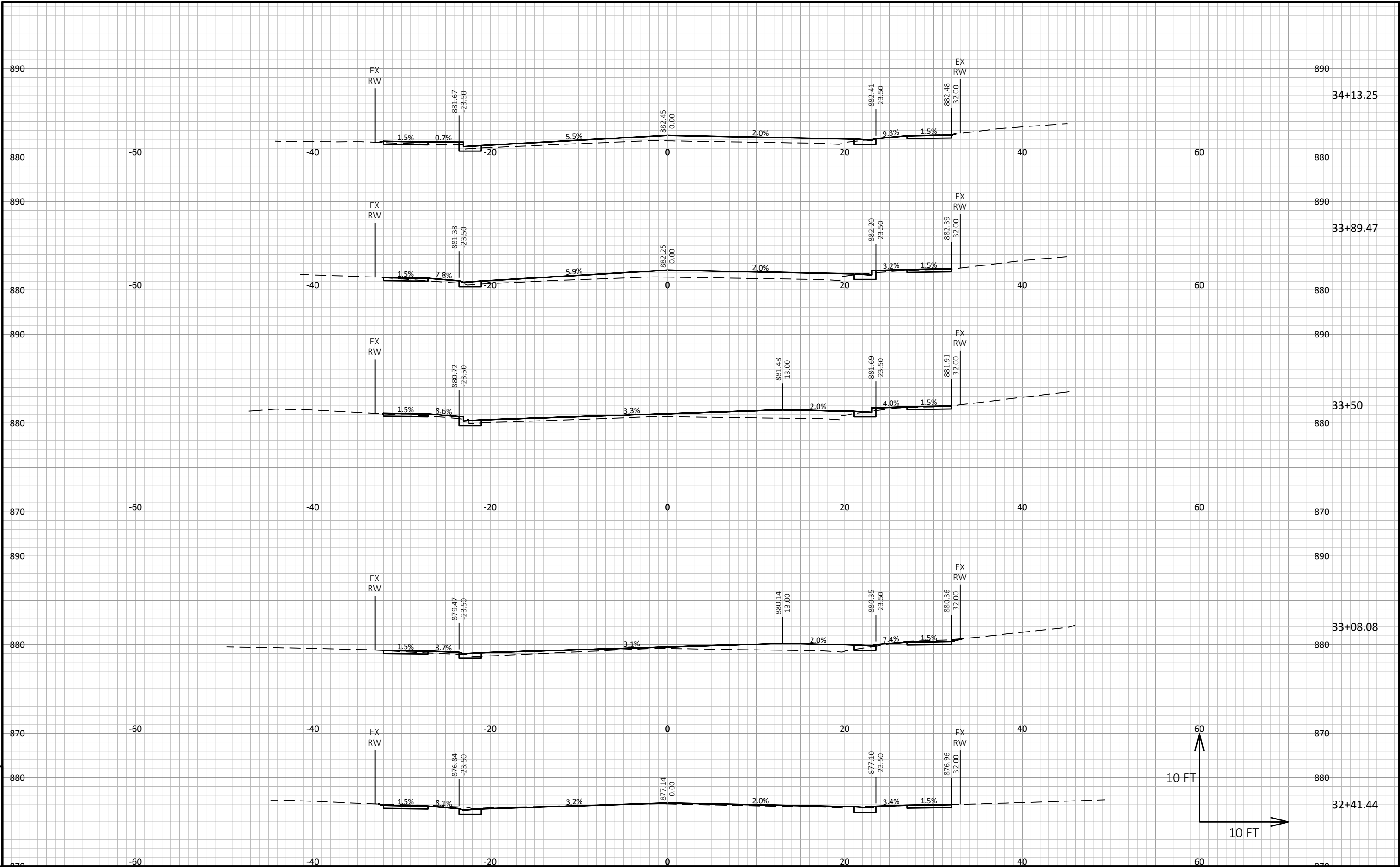




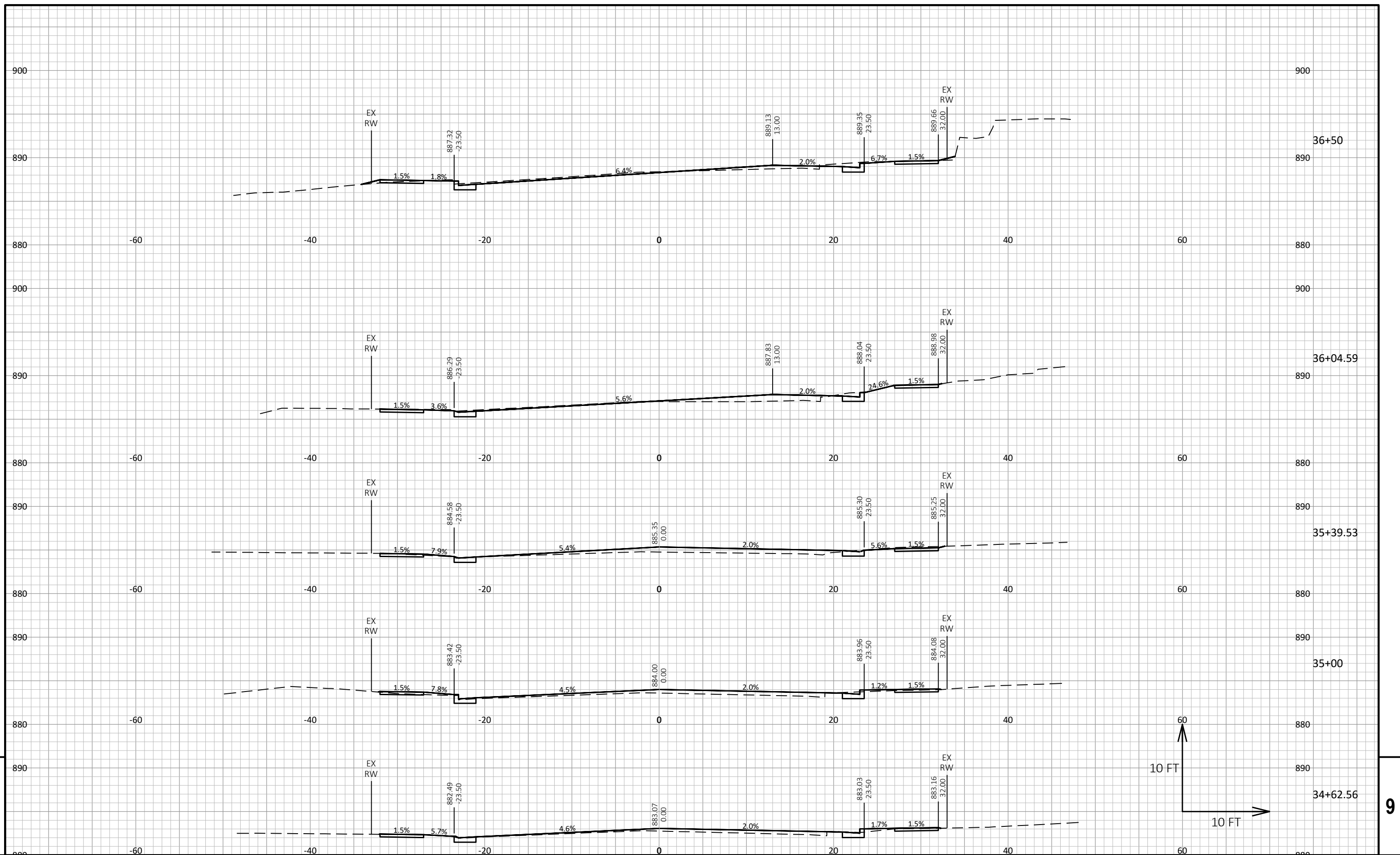


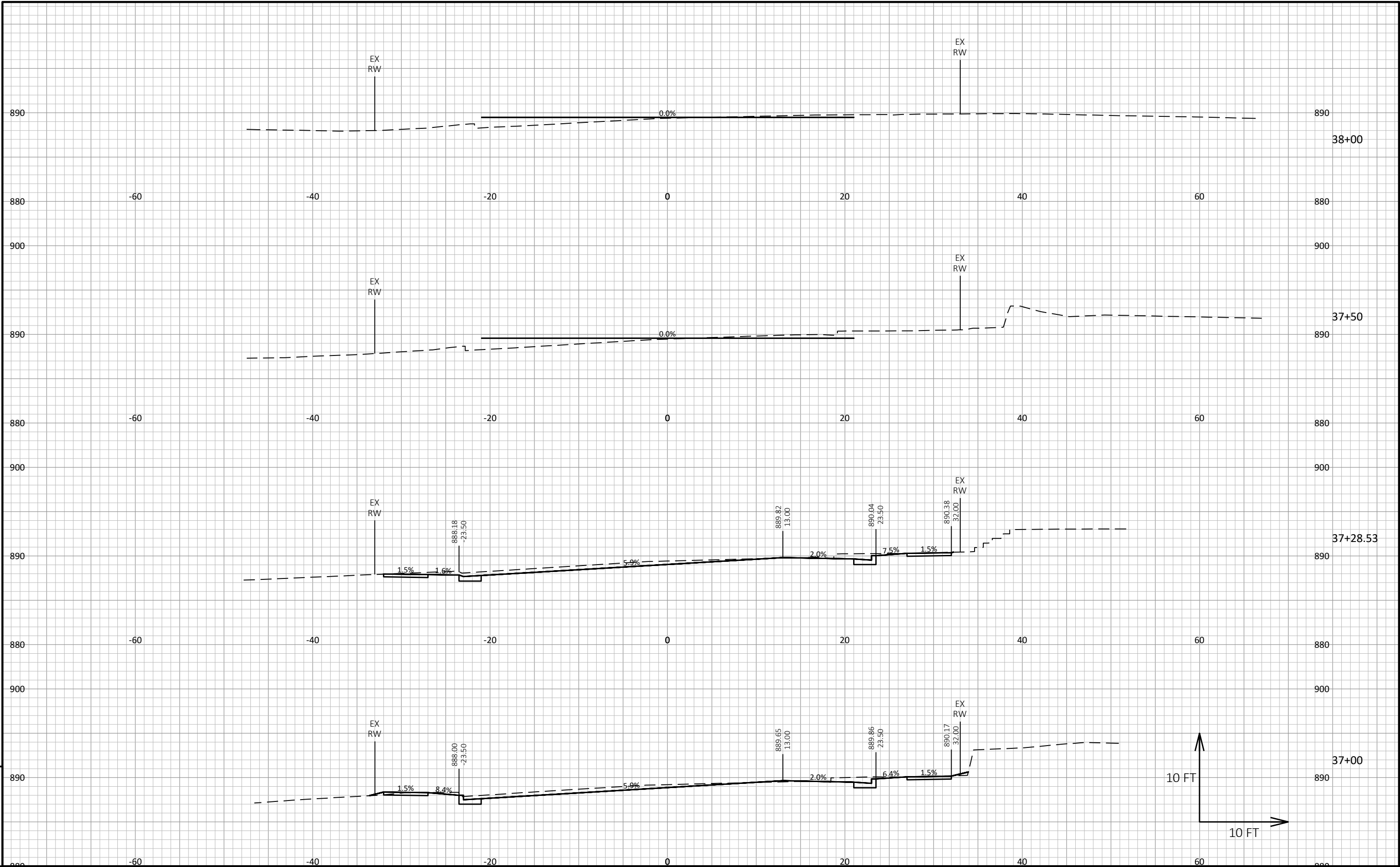


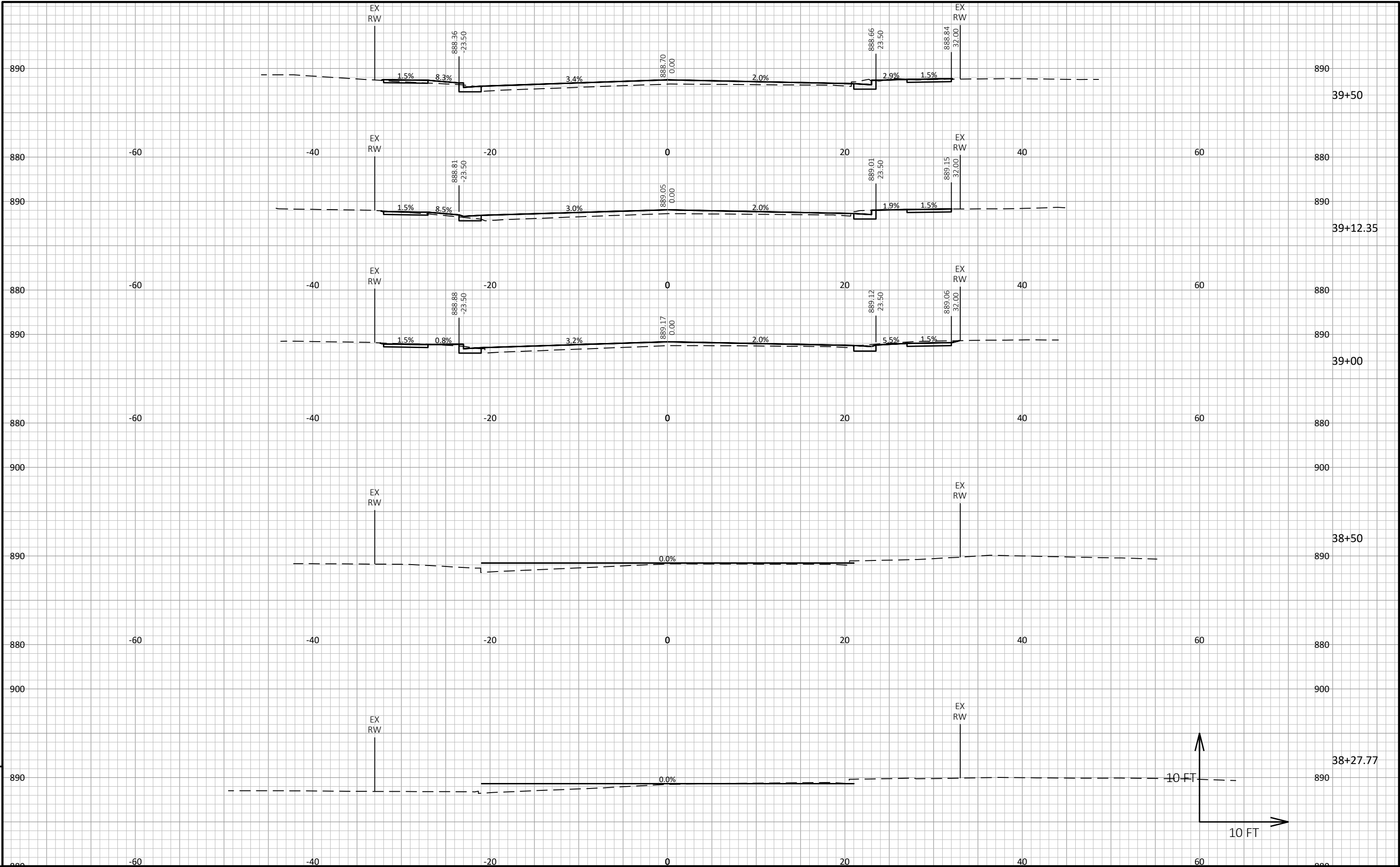


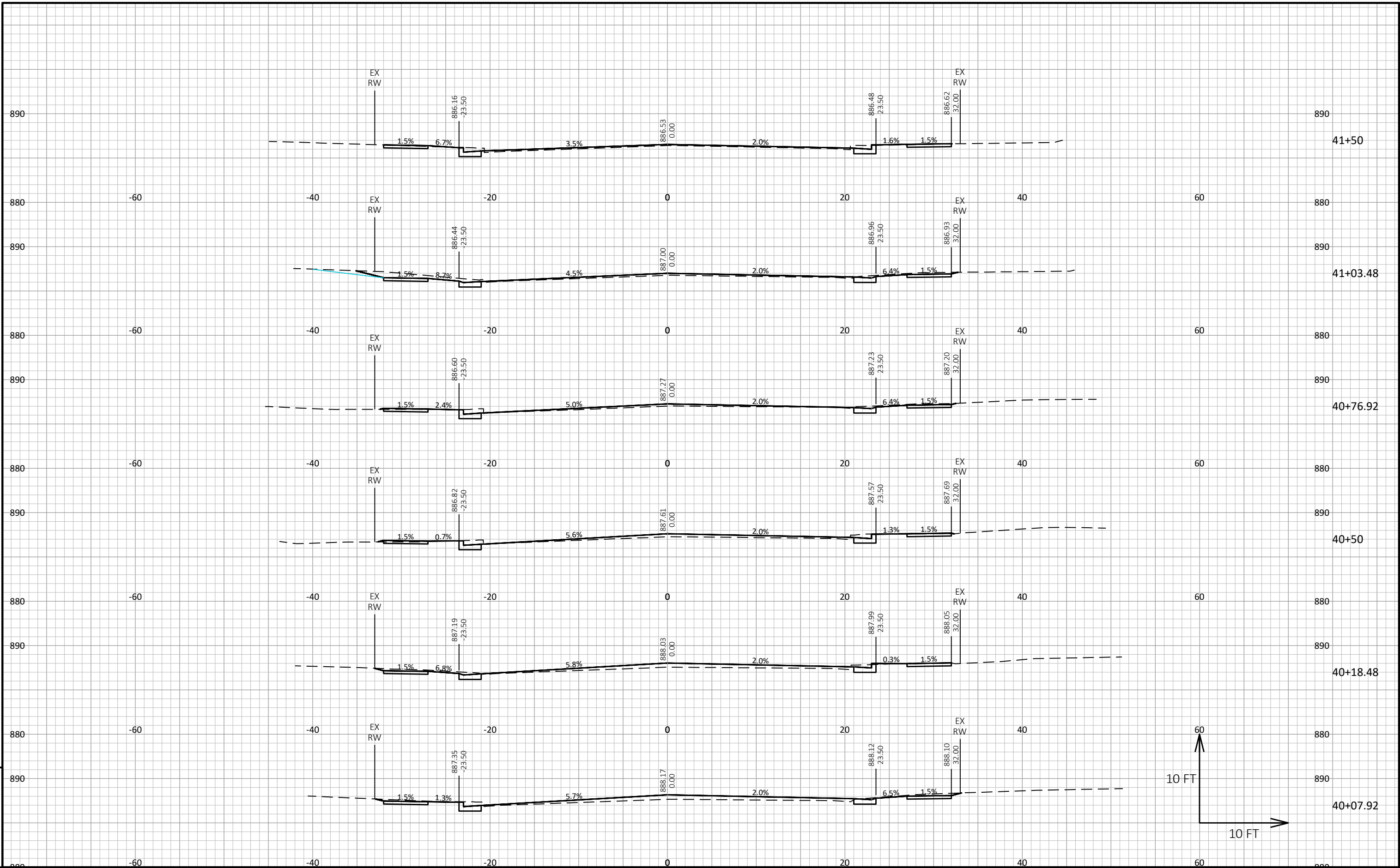


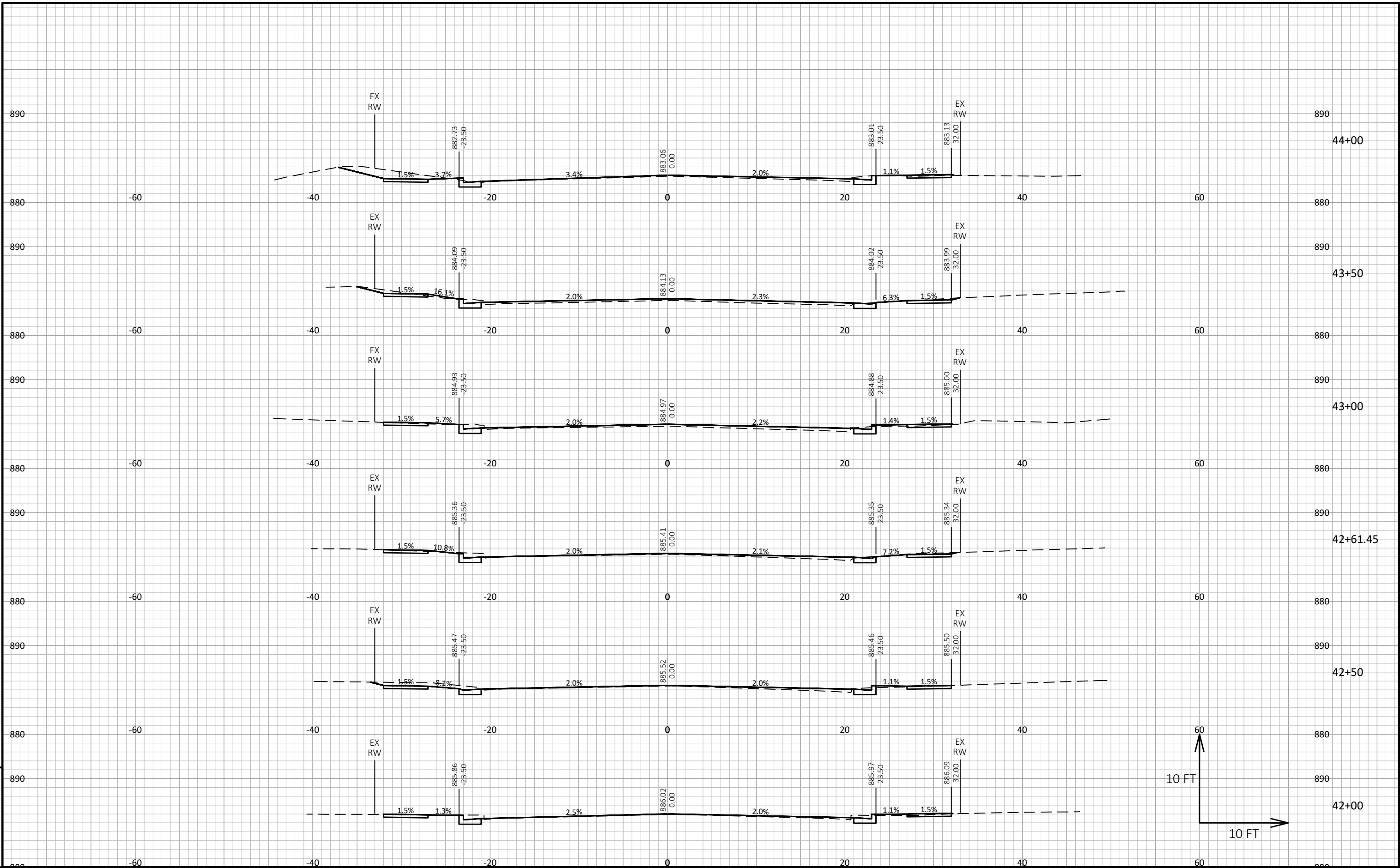
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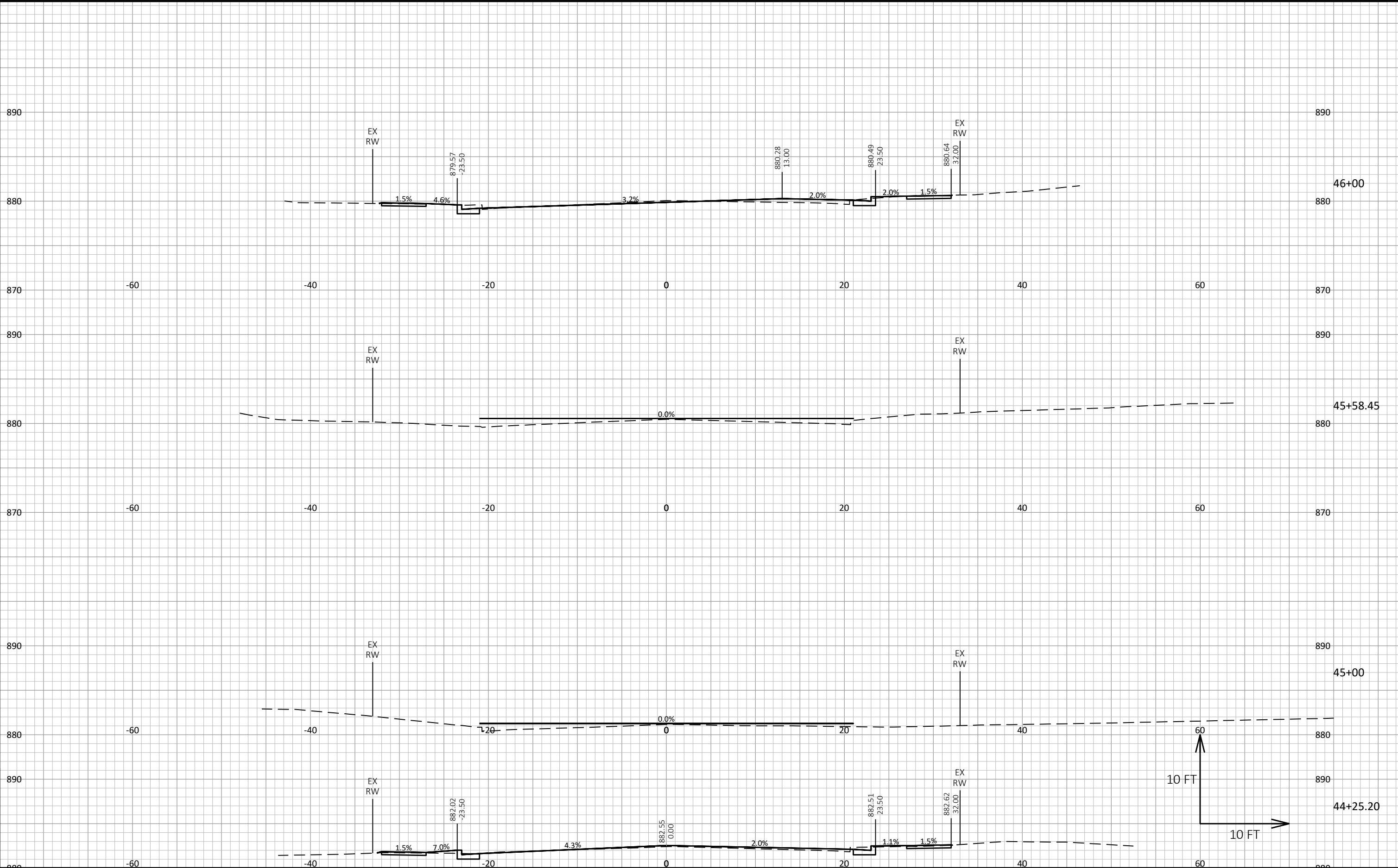




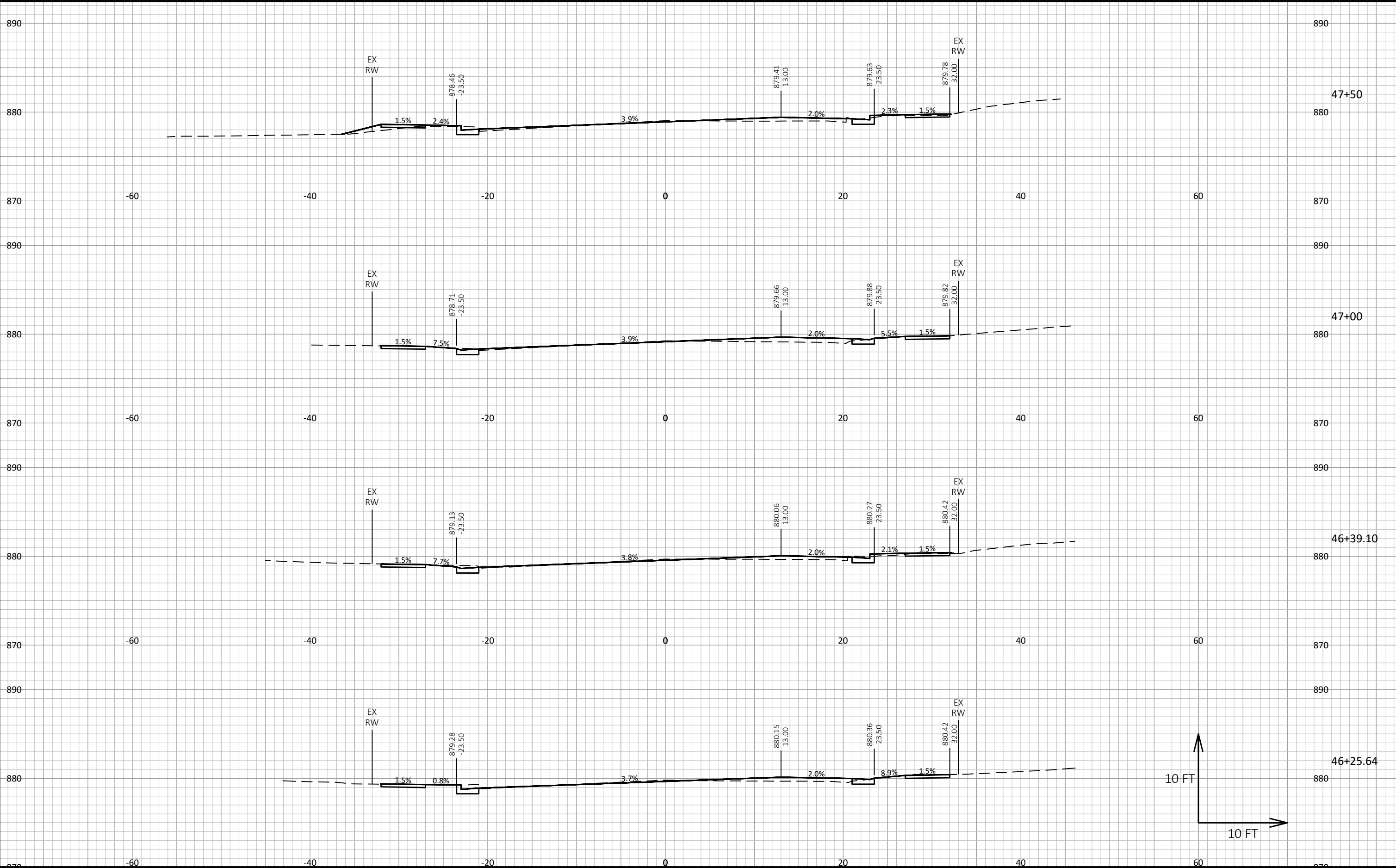


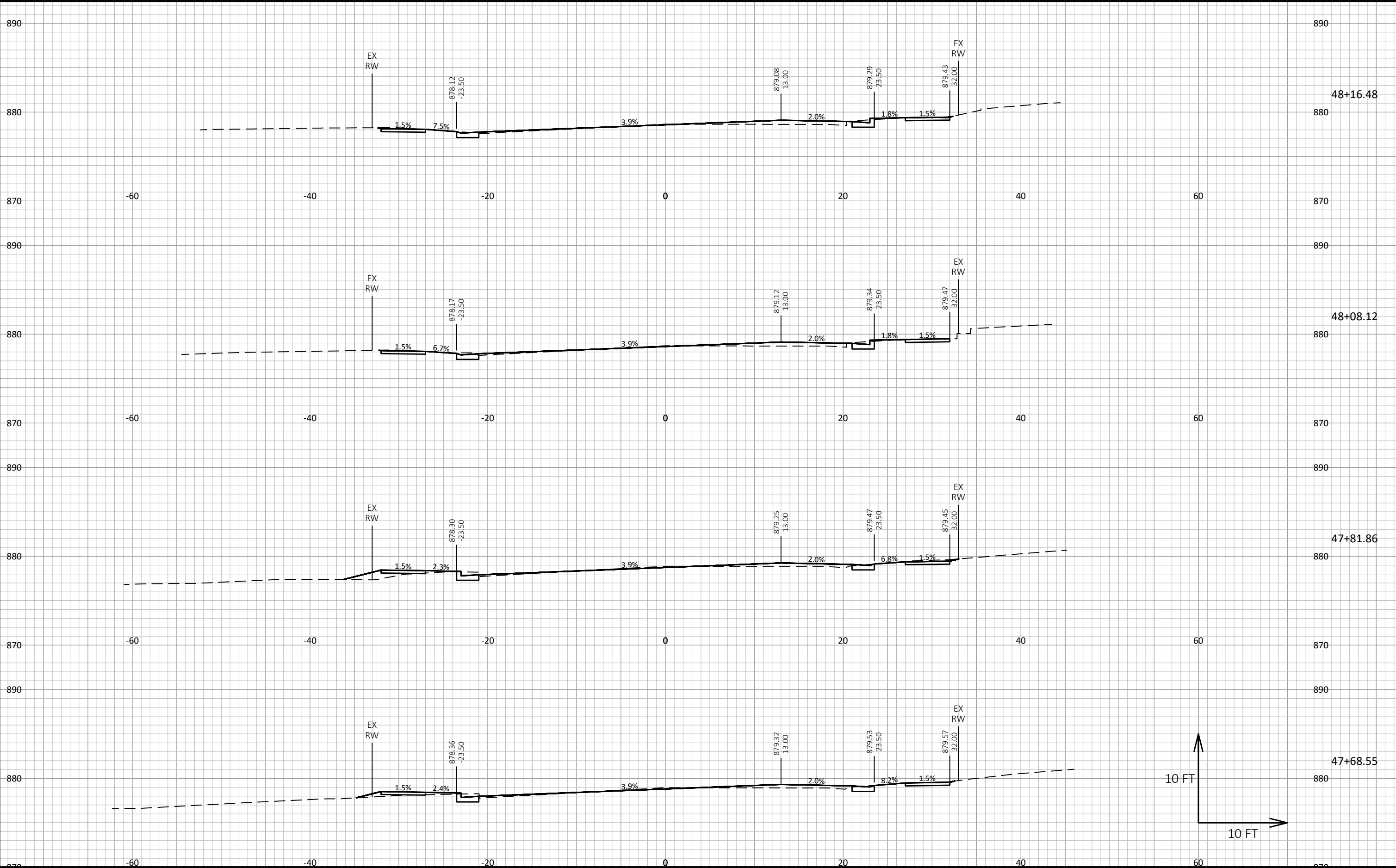


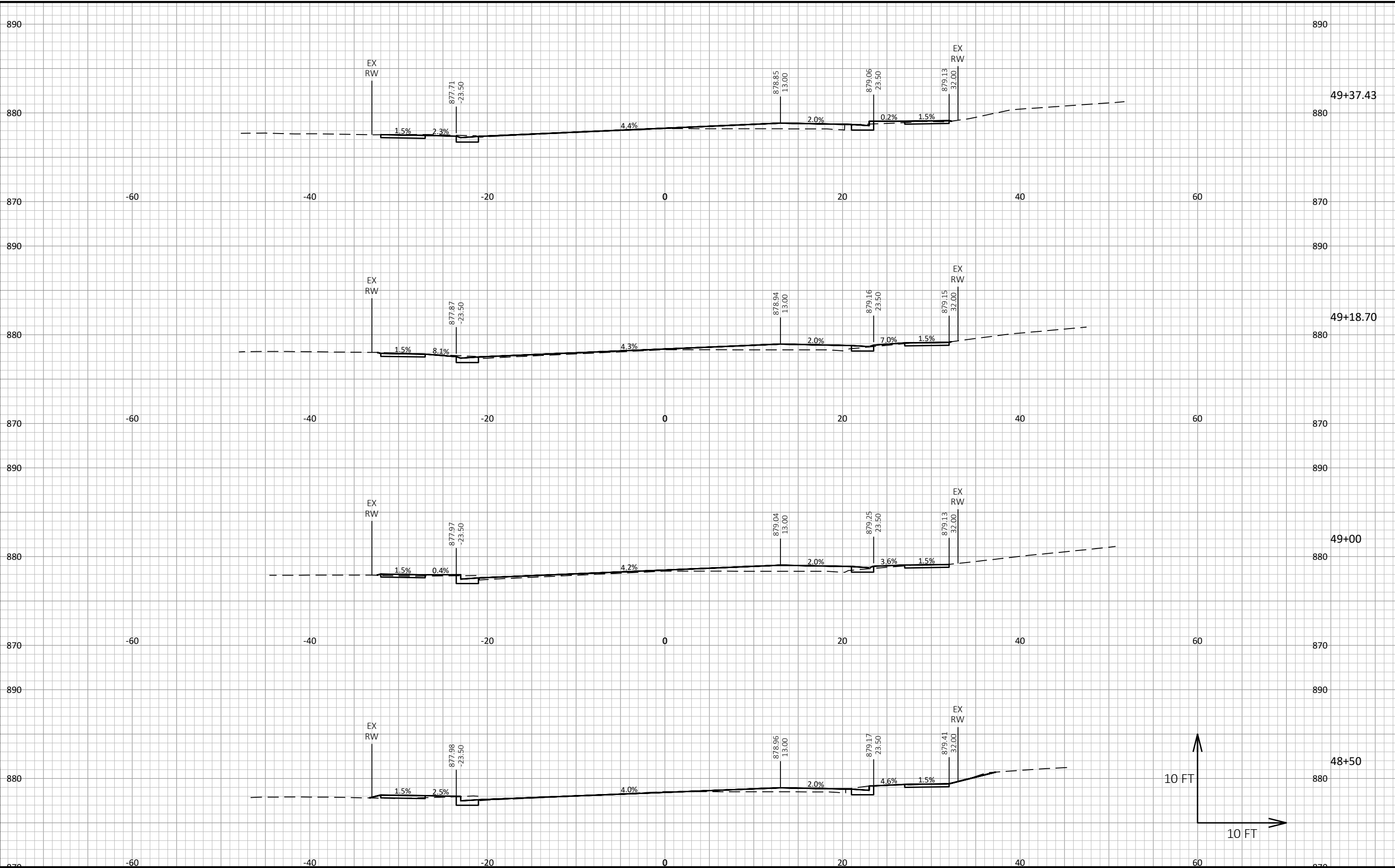




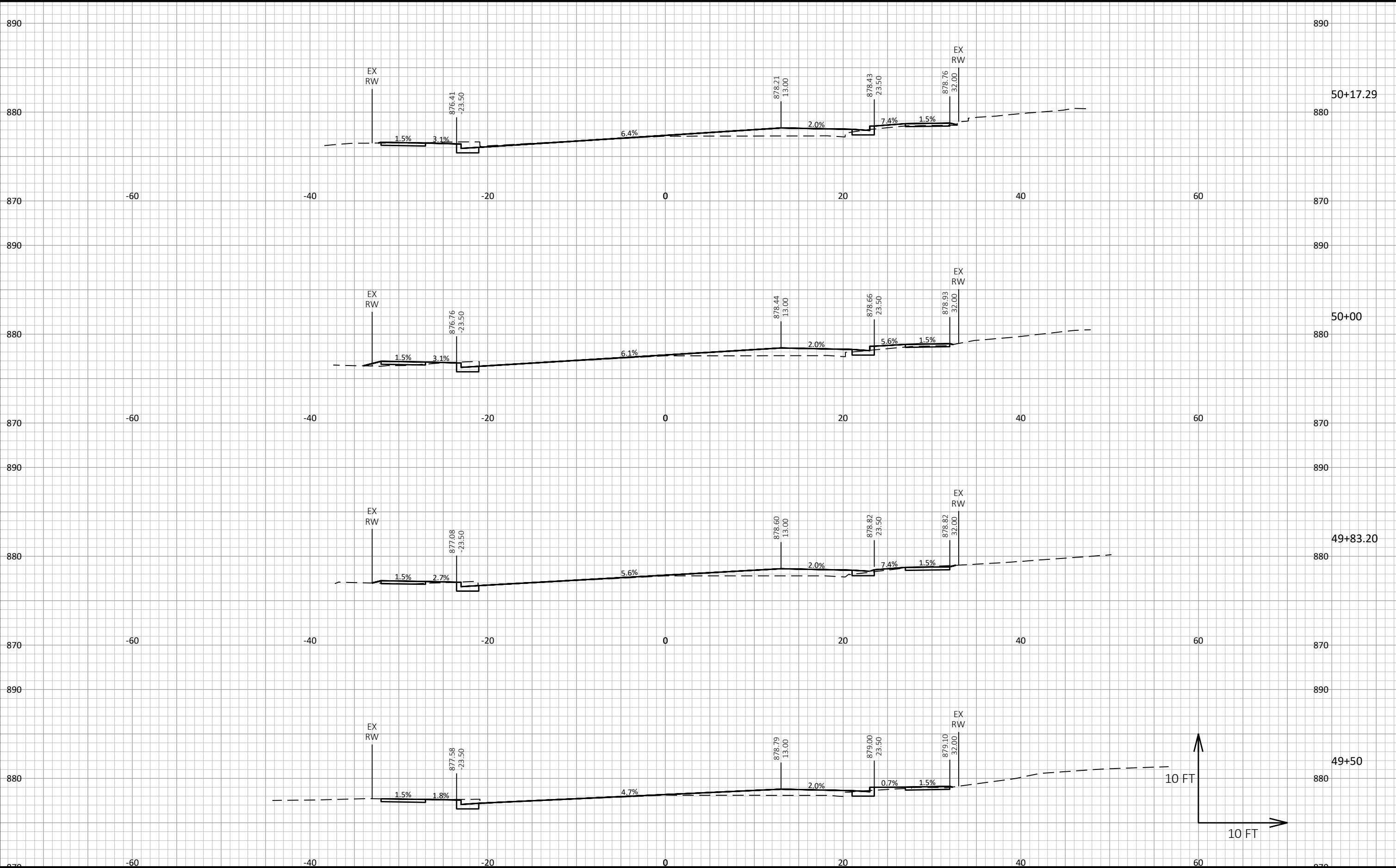
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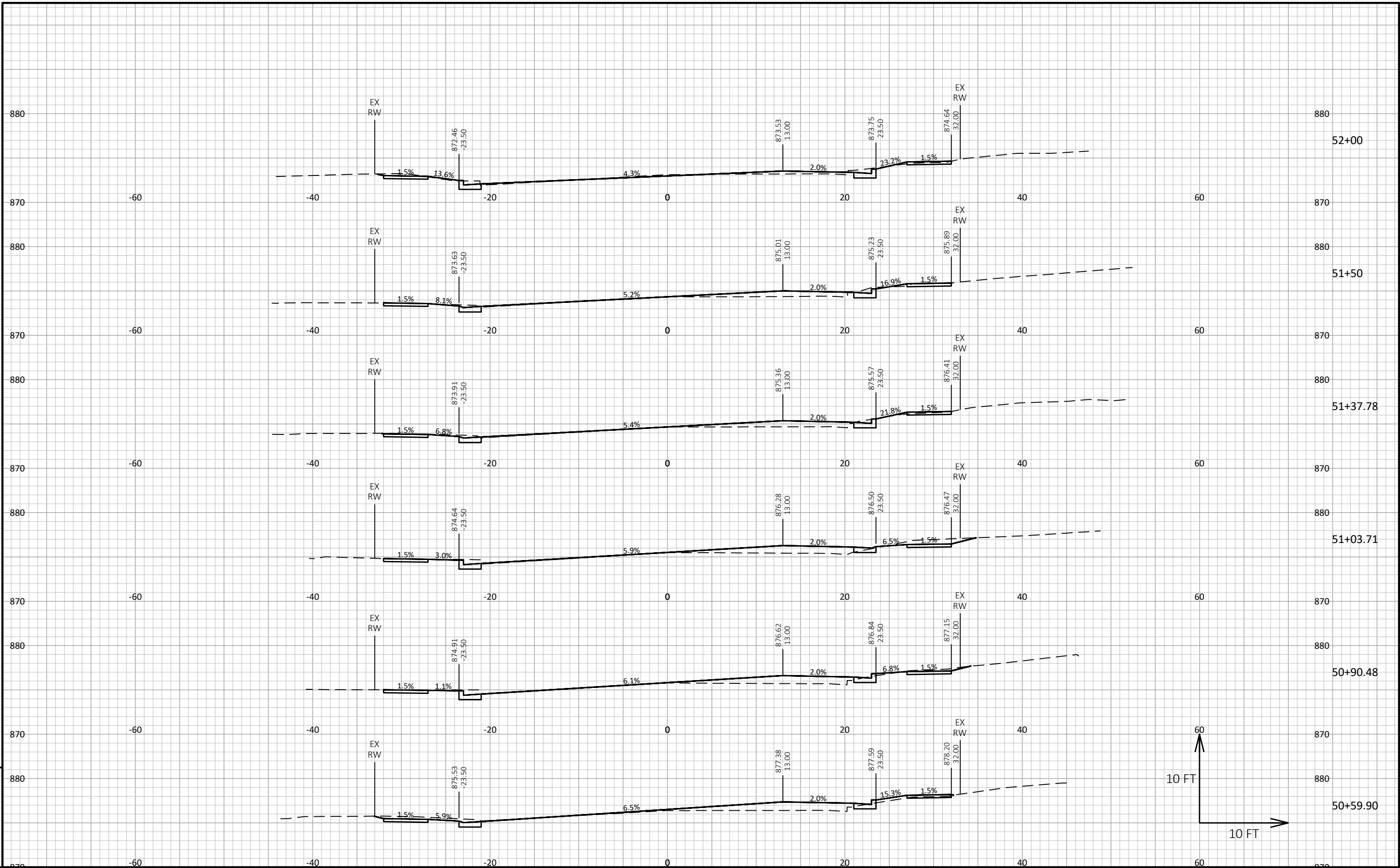


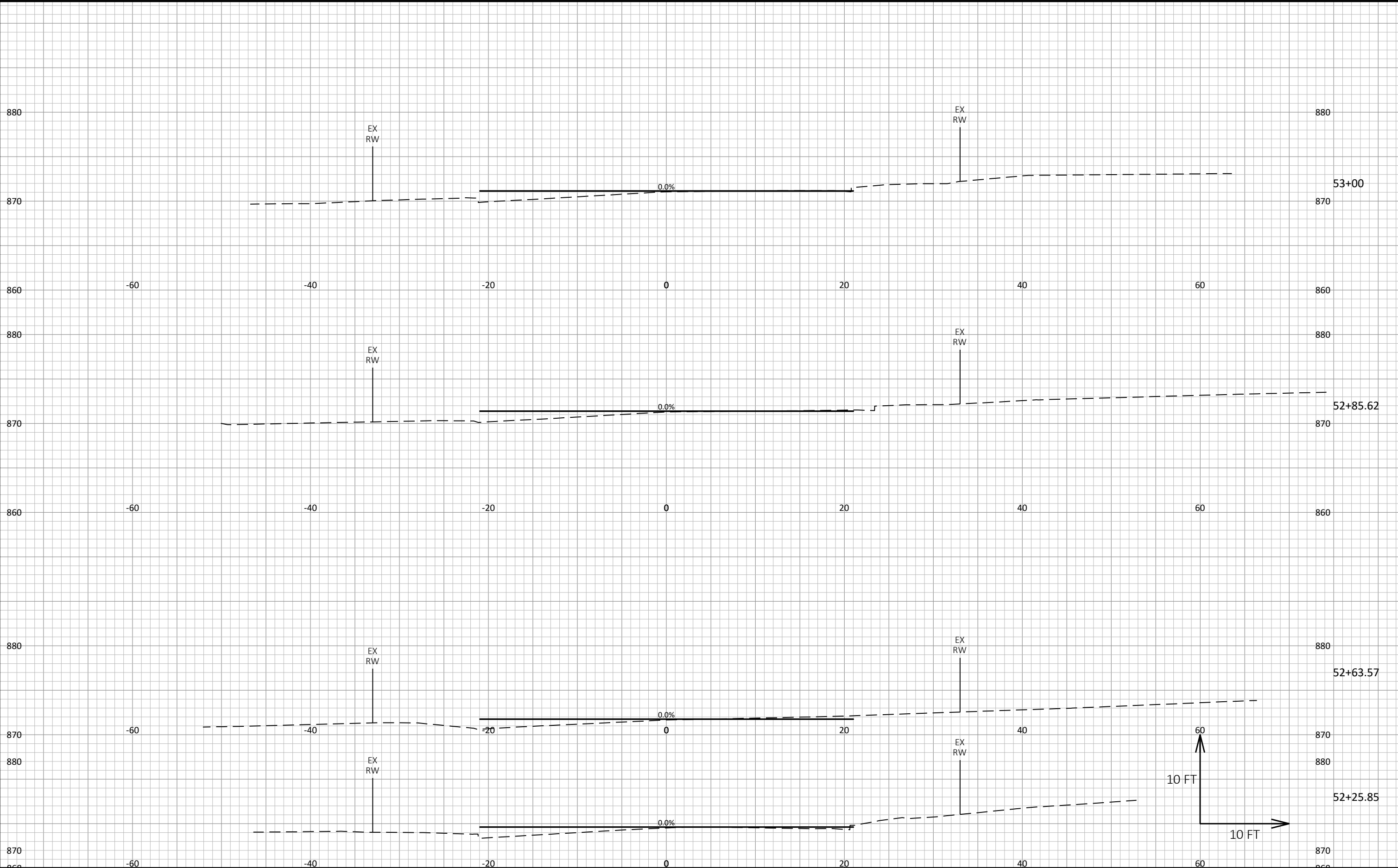




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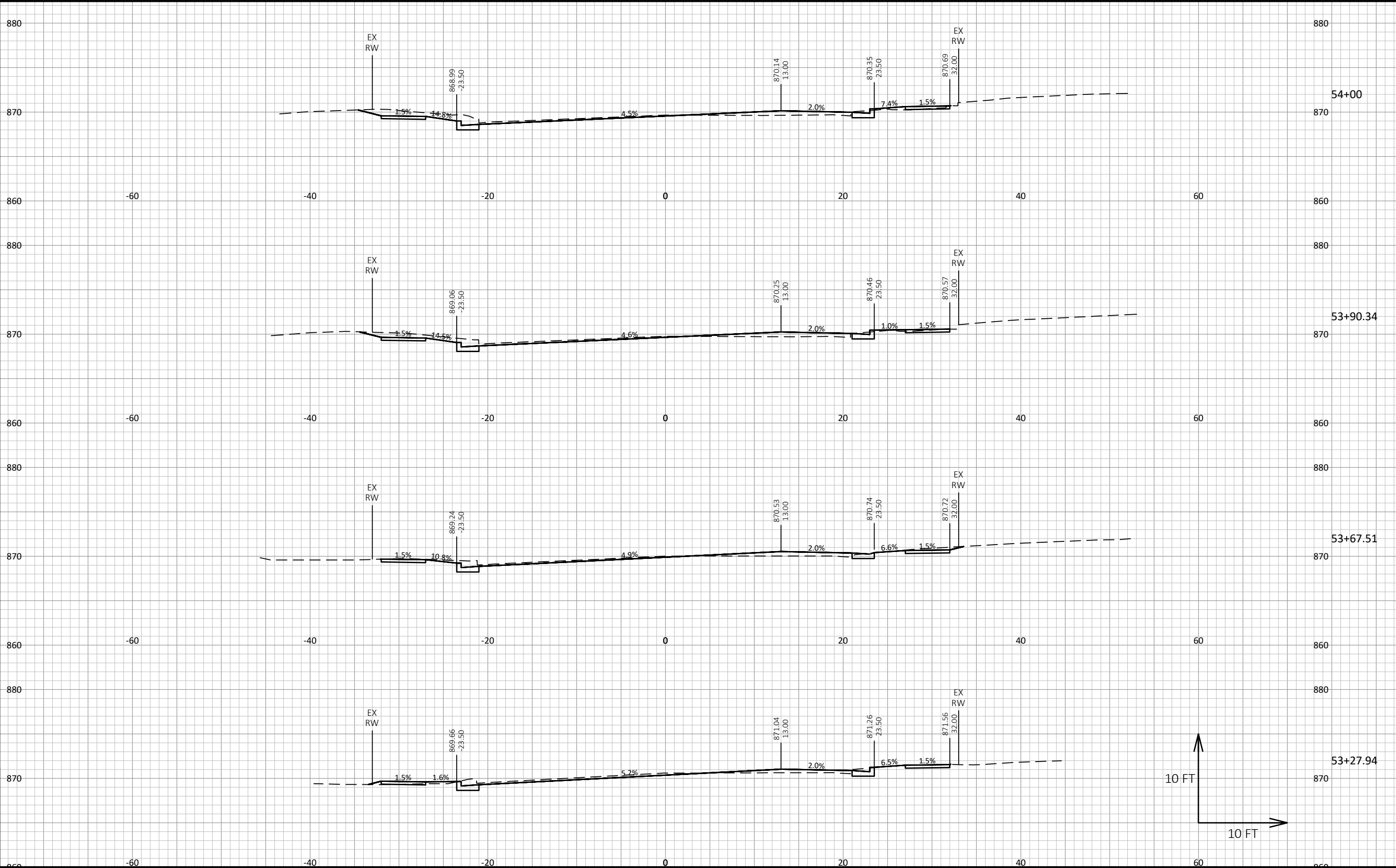


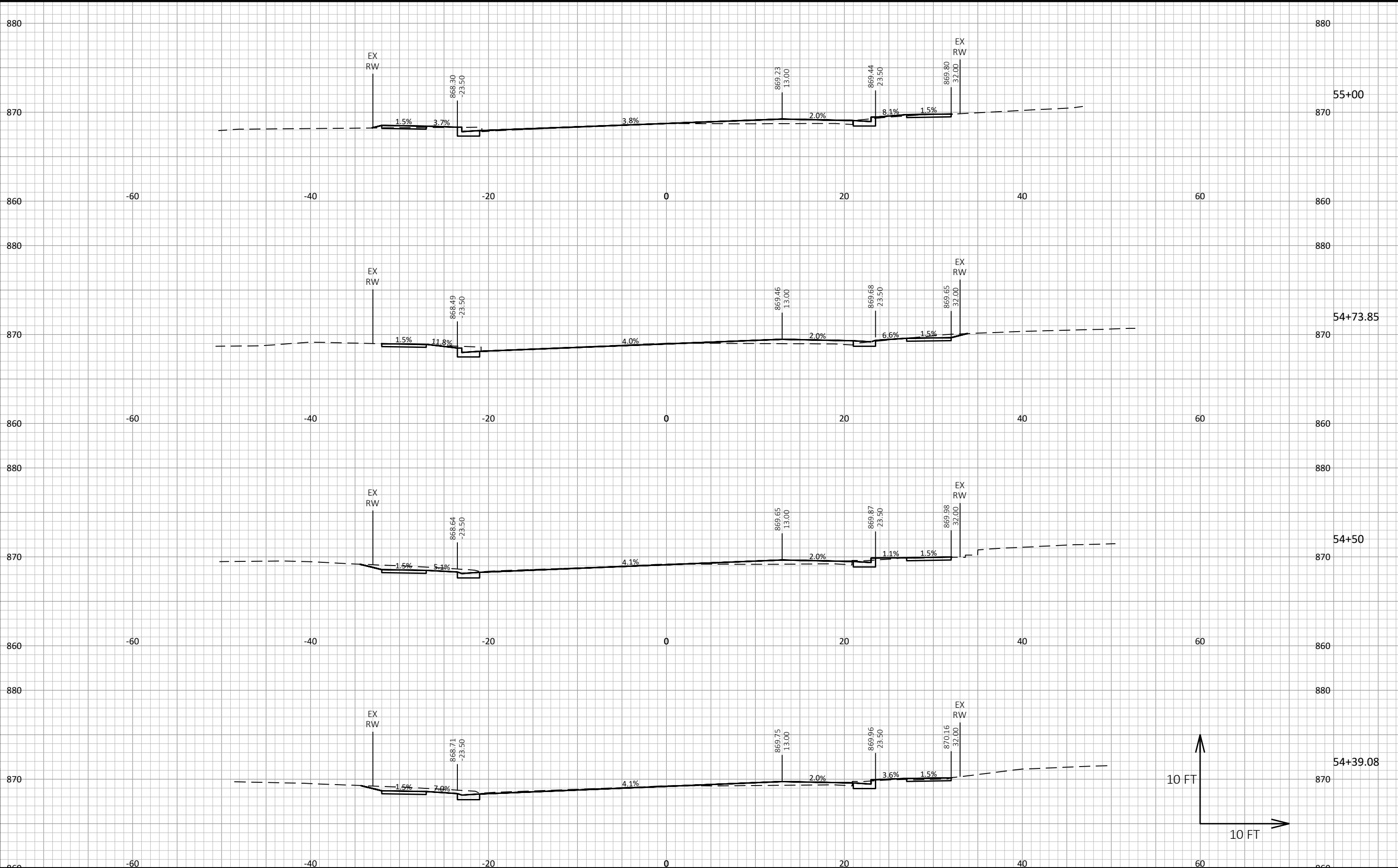


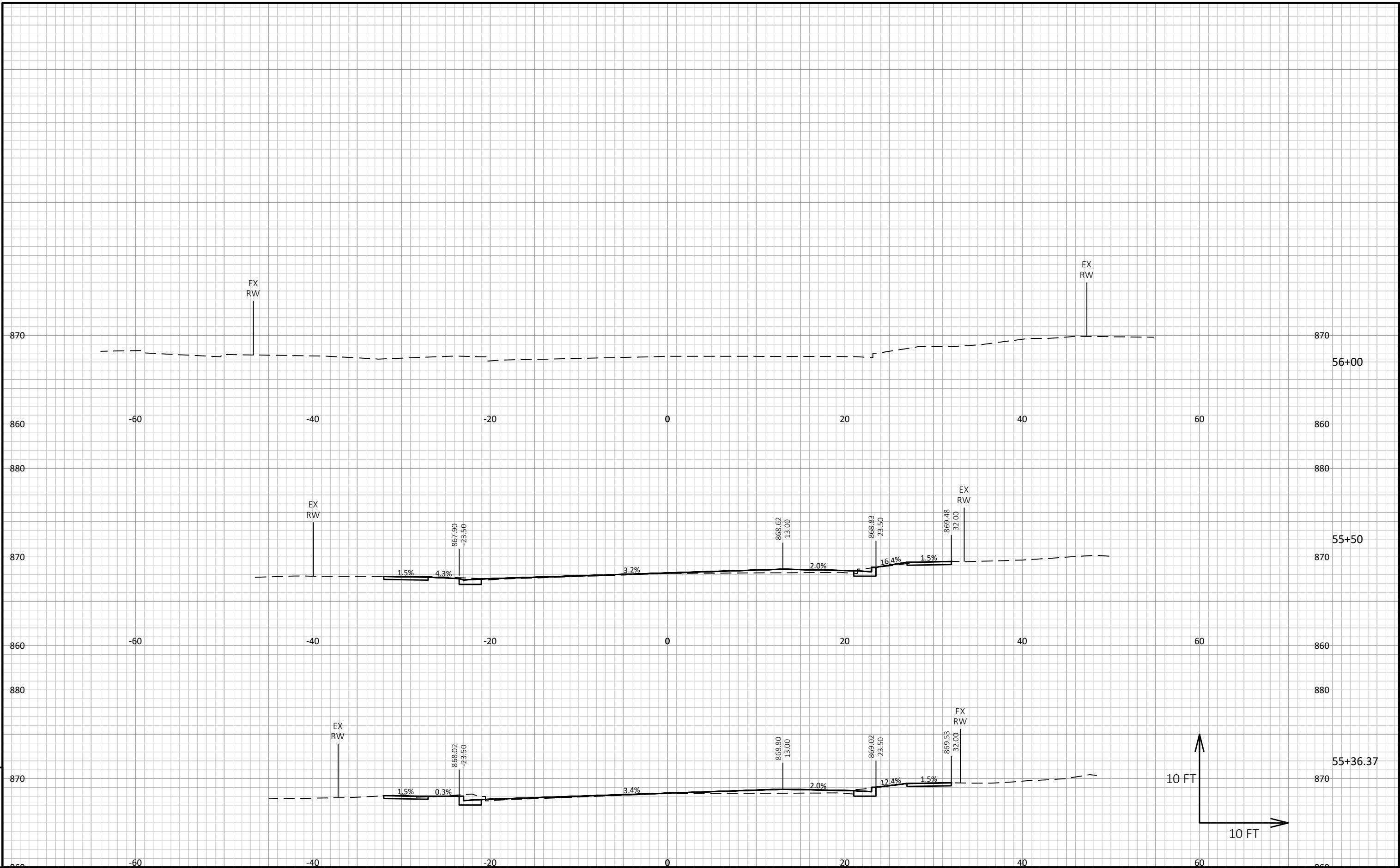
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PROJECT NO: 5685-00-04/05	HWY: EXCHANGE STREET	COUNTY: DANE	CROSS SECTIONS: SECTION VIEW GROUP - 1	SHEET E
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**VILLAGE OF
McFarland
SUMMARY SHEET**

MEETING DATE: Monday, September 26, 2022

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Jim Hessling, Public Works Director

AGENDA ITEM: Update regarding Lift Station #2 project and design.

PREVIOUS ACTION:

None

ISSUE SUMMARY:

Lift Station #2, located along Pheasant Run, is in the process of planning for an upgrade. This station was constructed back in the late 1970's and is an underground steel-canned unit that houses the pumps and motors along with controls. This station handles over 50% of the village's daily volume of sewage pumped into Madison Metropolitan Sewerage District's conveyance pipes. Lift station #2 is responsible for handling the ongoing growth on the eastside of the village. Design work is needed this year in order to proceed with construction next year, 2023.

Village staff met with engineering personnel from Town & Country Engineers to discuss the needs of a station to handle today's flows while looking into future projections related to village growth on the east side. As part of the concept of a building layout, confined space entry elimination was included. This elimination helps to promote worker safety. Another aspect of the design is the inclusion of a permanent indoor backup electrical generator with an instantaneous start. All new controls along with pumping apparatuses are being planned to be incorporated too.

The current wetwell, where the sewage is stored until pumping time, will be turned into a manhole structure. A new wetwell will be constructed to accommodate the new submissible pumping system along with capacity for future growth.

Preliminary DRAFT plans are enclosed within the packet.

FINANCIAL/BUDGET IMPACT:

Funding for design engineering is included in the 2022 budget.

VILLAGE PLAN REFERENCE:

None.

ORDINANCE REFERENCE:

None.



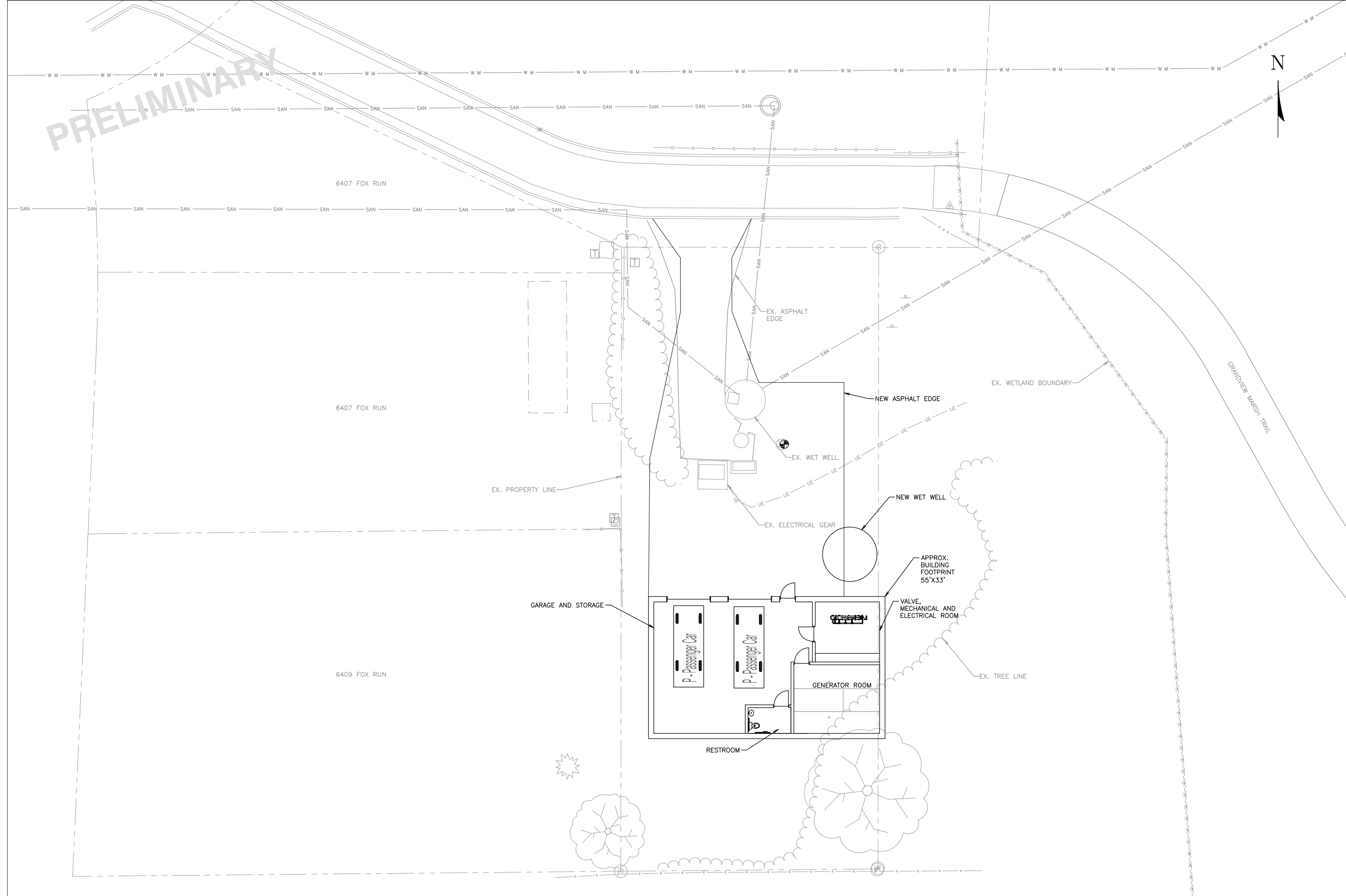
BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

No action at this time.

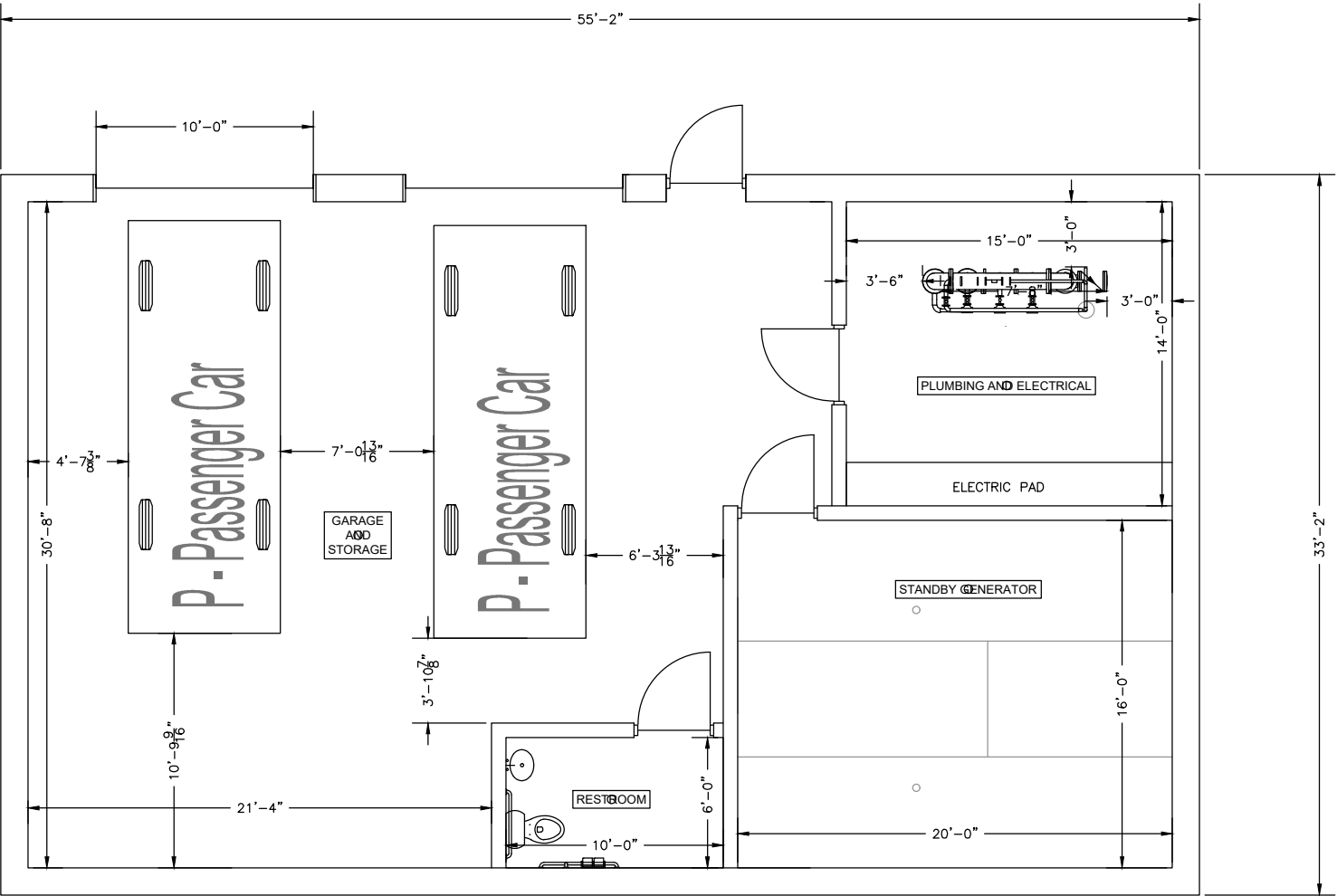
ATTACHMENTS:

1. MC 198- Lift Station 2

PRELIMINARY



 TOWN & COUNTRY ENGINEERING, INC.	6264 Nesbitt Road Madison, WI 53719 (608) 273-3350 www.tcengineers.net
LIFT STATION 2 SITE PLAN	
2023 LIFT STATION 2 IMPROVEMENTS Marsh Woods Drive Village of McFarland, Wisconsin	
PROJECT NO.: MC 198 DRAWING FILE: MC 198 BASE.DWG DRAWN BY: T.J.S. CHECKED BY: X.X.X DATE: 9-7-22 REVISIONS: SCALE: SHEET: 1	



GENERAL NOTES

1. REFER TO ARCHITECTURAL, STRUCTURAL, PLUMBING, HVAC, AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION AND MODIFICATIONS NOT LISTED HERE.

X REMOVAL NOTES

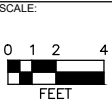
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KEY NOTES

- 1.

PROJECT NO.:
MC 198
DRAWING FILE:
LIFT STATION 2-M
DRAWN BY:
T.J.S.
CHECKED BY:
B.R.B.

DATE:
9-7-22
REVISIONS:



SHEET:

McFarland
SUMMARY SHEET

MEETING DATE: Monday, September 26, 2022

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Aimee Irwin, Assistant to the Public Works Director, Lee Igl,
Streets/Utilities Superintendent

AGENDA ITEM: Discussion and action to make a recommendation to the Village Board
regarding award of contract for Brush and Yard Waste Services.

PREVIOUS ACTION:

The Public Works & Utilities Committee approved the issuance of a Request for Proposal (RFP) for yard waste and drop-off site services at their July 25, 2022 meeting.

The Village Board approved the issuance of a Request for Proposal (RFP) for yard waste and drop-off site services at their August 11, 2022 meeting.

ISSUE SUMMARY:

The current yard waste and drop-off site contract expires on December 31, 2022. Both the committee and Village Board recommended approval of issuing a Request for Proposal for yard waste and drop-off site services. The RFP was uploaded to the village website and a newsflash was created as well. The RFP was specifically emailed to two contractors, Barnes and Seasonal Solutions. A proposal was received from each contractor who was emailed. Both proposals are enclosed within the packet.

The current contractor is Barnes, Inc. They maintain the drop-off site at the Public Works facility as well as conducting curbside brush chipping in the Spring and Fall. Barnes, Inc. has been the contractor for the drop-off site since 2013.

Staff reviewed the two proposals received, including contacting reference checks for Seasonal Solutions. The reference checks provided very satisfactory ratings and reviews. Staff contacted Seasonal Solutions regarding two clarifications. One was regarding where the material would be taken to from the village. Their response was Purple Cow Organics, which is the same location utilized by Barnes, Inc. The other item we asked Seasonal Solutions was if they had completed drop-off site services previously. In their response, they stated they performed this function for a local municipality for 20 years.

The other item reviewed between the two proposals was related to projected cost estimates and rates. Enclosed within your packet is the projected and rate comparison document. This document shows the projected costs for each year (2023, 2024, and 2025) for both Barnes and Seasonal Solutions. Also included in this comparison are the rates for each service requested for each contractor's proposal.



Based on the reference checks received, the clarifications provided by Seasonal Solutions and the cost estimate from the proposal, staff would recommend awarding the contract for Brush and Yard Waste Services to Seasonal Solutions.

FINANCIAL/BUDGET IMPACT:

Funds to operate the yard waste site are included in the budget each year.

VILLAGE PLAN REFERENCE:

None.

ORDINANCE REFERENCE:

None.

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

Motion and second recommending to the Village Board the award of contract to Seasonal Solutions of Windsor for brush and yard waste services for a three-year term.

ATTACHMENTS:

1. 2023 Brush and Yard Waste RFP 8.2.2022
2. Barnes Inc. Proposal
3. Seasonal Solutions Proposal
4. Projected and Rate Comparison



Request For Proposals

Brush and Yard Waste

Bin Maintenance and Curbside Brush Chipping

RFP Issuance Date: August 15, 2022

RFP Due Date: August 31, 2022

Please Submit to:

Public Works Director, Jim Hessling

public.works@mcfarland.wi.us

Subject: Brush and Yard Waste

TABLE OF CONTENTS

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SECTION 4	Request for Proposals.....	4
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SECTION 6	Method & Timeline of Selection	8
SECTION 7	Terms and Conditions	9

SECTION 1

Purpose

The purpose and intent of this Request for Proposal (RFP) is to solicit proposals from qualified Contractor to provide high quality brush and yard waste collection and disposal services for the Village of McFarland. The proposal is required to meet the scope of services detailed within.

The Village is requesting proposals for both a one year and three year contract. Because of the uncertainty over available funding, proposals are also being sought on three different levels of curbside and drop-off site services.

SECTION 2

History and Background

A. **General** – The Village is located adjacent to the southeast side of the City of Madison in Dane County. The current population of McFarland is estimated at 9,331 residents. The Village is serviced by USH Highway 51 serving as the main connection point between the cities of Madison and Stoughton. The Village has 75 permanent employees supplemented by seasonal, temporary, and part-time employees when necessary. The Village's primary departments include Administration, Community & Economic Development, Communications/Technology, Fire and Rescue, Library, Public Works (including Parks and Utilities), Police, and Senior Outreach. More information about the Village is available at www.mcfarland.wi.us.

SECTION 3

Scope of Work

Specifications of brush and yard waste to be collected:

A. Brush Chipping

- a. Brush pieces will be no longer than ten (10') feet, no shorter than six (6") inches, and no greater than six (6") inches in diameter
- b. The cut ends of the brush pieces will be placed parallel to the curb and stacked in neat piles with the cut ends pointed in the same direction as traffic.
- c. Material must be free of all waste that may clog chipping equipment

B. Yard Waste Pick-up

- a. Yard waste materials to be collected include leaves, lawn clippings, pine needles, house plants, and other non-woody organic matter.
- b. Only yard waste materials placed in open bags (not to exceed 50 gallons in size) bearing an official pre-paid Village sticker will be collected.
- c. Material must be clean of debris or it will be left on site

C. Drop-off Site

- a. Brush must be six (6") inches in diameter or smaller and no longer than ten (10') feet.
- b. Material must be free of waste that may clog the chipping equipment
- c. Loads may be rejected if deemed unclean by Contractor's staff.

D. Holiday Tree Drop-off Site

- a. Residents drop-off holiday trees at the drop-off site between a designated date range.
- b. Contractor to clear drop-off site after date range.
- c. Materials may be rejected if deemed unable to be chipped.

SECTION 4

Request for Proposals

A. Option #1 is a one-year term for 2023.

Provide hourly costs (equipment and personnel) for Yard Waste Collection and Brush Collection and lump sum pricing for Drop Off Site services below:

YARD WASTE COLLECTION

Yard waste collection pricing for curbside pick-up.

Pick-ups to include:

- One Village-wide spring pick-up during the week of April 17, 2023.
- One Village-wide fall pick-up during the week of November 13, 2023.

BRUSH COLLECTION

Brush collection pricing for curbside pick-up.

Pick-ups to include:

- One spring pick-up of three (3) zones starting the week of April 24, 2023
- One fall pick-up of three (3) zones starting the week of November 6, 2023.

DROP OFF SITE

Brush and yard waste collection at the Village's drop off site located at 5115 Terminal Drive McFarland, Wisconsin. Hours of operation are 7:00 am to 7:00 pm, seven days a week. Service the site as needed starting on or before April 1, 2023, and closing on or about December 1, 2023.

HOLIDAY TREE DROP OFF SITE

Holiday tree collection at the Village's drop off site located at 5115 Terminal Drive McFarland, Wisconsin. Service the site after Martin Luther King, Jr. day in January of 2023.

ADDITIONAL NEEDS AND/OR STORM DAMAGE

Mutually agreed upon additional needs of the Village on an as needed basis and/or for assistance with storm damage clean-up.

B. Option #2 is a three-year term for 2023, 2024, and 2025.

Provide hourly costs (equipment and personnel) for Yard Waste Collection and Brush Collection and lump sum pricing for Drop Off Site services below:

YARD WASTE COLLECTION

Yard waste collection pricing for curbside pick-up.

Pick-ups to include:

- One Village-wide spring pick-up during the week of April 17, 2023.
- One Village-wide spring pick-up during the week of April 15, 2024.
- One Village-wide spring pick-up during the week of April 15, 2025.
- One Village-wide fall pick-up during the week of November 13, 2023
- One Village-wide fall pick-up during the week of November 11, 2024
- One Village-wide fall pick-up during the week of November 10, 2025

BRUSH COLLECTION

Brush collection pricing for curbside pick-up.

Pick-ups to include:

- One spring pick-up of three (3) zones starting the week of April 24, 2023
- One spring pick-up of three (3) zones starting the week of April 22, 2024
- One spring pick-up of three (3) zones starting the week of April 22, 2025
- One fall pick-up of three (3) zones starting the week of November 6, 2023.
- One fall pick-up of three (3) zones starting the week of November 4, 2024.
- One fall pick-up of three (3) zones starting the week of November 3, 2025.

DROP OFF SITE

Brush and yard waste collection at the Village's drop off site located at 5115 Terminal Drive McFarland, Wisconsin. Hours of operation are 7:00 am to 7:00 pm, seven days a week. Service the site as needed starting on or before April 1, 2023, 2024, and 2025, and closing on or about December 1, 2023, 2024, and 2025.

(continued on next page)

HOLIDAY TREE DROP OFF SITE

Holiday tree collection at the Village's drop off site located at 5115 Terminal Drive McFarland, Wisconsin. Service the site after Martin Luther King, Jr. day in January of 2023, 2024, and 2025.

ADDITIONAL NEEDS AND/OR STORM DAMAGE

Mutually agreed upon additional needs of the Village on an as needed basis and/or for assistance with storm damage clean-up.

SECTION 5

RFP Submittal Requirements

A. Qualification Details consisting of:

- i. **Cover Letter** – include details about the company and experience performing similar scope of services within the last ten years.
- iii. **References** – Provide three references for which the applicant has provided similar services within the last ten years. Include the company name, name, email, and telephone number of the contact person and a description of services provided to that contact.

B. Cost and Labor Hours Proposal consisting of:

- i. **Cost** – Hourly cost for equipment and personnel to perform Yard Waste and Brush Collection. Lump Sum price with all labor and equipment for service at the Drop Off Site. Provide this for Option #1 (one-year) and Option #2 (three-year).
- ii. **Estimated Labor Hours** – A summary of estimated labor hours for each of the following: Yard Waste Collection, Brush Collection and Drop Off Site services.

E. General requirements consisting of:

- i. **Due Date** – *Responses to the RFP must be received by August 31, 2022.* Proposals received late, for any reason, shall not be accepted.
- ii. **Format & Location** – Prospective contractors shall provide one (1) electronic PDF copy. RFP submittals shall be emailed to Jim Hessling at public.works@mcfarland.wi.us, subject: Brush and Yard Waste. Alternatively, consultants may submit an electronic PDF copy via a USB flash drive to the Village of McFarland-Brush and Yard Waste RFP, Attn: Public Works Department, 5915 Milwaukee Street, PO Box 110, McFarland, WI 53558.

SECTION 6

Method & Timeline of Selection

A. Village Administrator, Streets and Utilities Superintendent, and Public Works Director will conduct the evaluation of proposals submitted. This will comprise the RFP Evaluation Team. They will make a recommendation to the Public Works & Utilities Committee for action. The following method and timeline will be utilized in order to select the desired proposal:

- i. **August 15, 2022** – RFP Issuance Date.
- ii. **August 31, 2022** – RFP Due Date.
- iii. **September 6-15** – During this timeframe, the Evaluation Team will review the proposals and decide which, in its sole discretion, it chooses to further consider via an in-person or virtual interview.
- iv. **September 26, 2022** – The Evaluation Team will make its recommendation to the Public Works & Utilities Committee for their consideration to award a proposal.
- v. **October 11, 2022** – The Village Board will take final action to consider acceptance of the recommended proposal and enter into a contract for this purpose.
- vi. **January 1, 2023** – Contract Start Date.

SECTION 7 Terms and Conditions

Each proposal will be reviewed to determine if it meets the submittal requirements contained within this RFP. Failure to meet the requirements for the RFP can be cause for rejection of the proposal. The Village may reject any proposal if it is conditional, incomplete, contains irregularities, or if in the sole discretion of the Village not considered in our best interest. The Village may waive an immaterial deviation in a proposal, but this shall in no way modify the proposal document or excuse the Contractor from compliance with the contract requirements if the Contractor is awarded a contract. A prospective Contractor may be requested for an interview at the sole discretion of the Village. The recommended Contractor will be selected and approved by the Village Board.

The Village uses a standard template contract for such services and will require its utilization for this project. A copy of the standard template can be provided for review upon request and will be updated to adapt to the proposal ultimately selected.

There is no expressed or implied obligation for the Village to reimburse firms for any expenses incurred in preparing proposals in response to this request. Materials submitted by respondents are subject to public inspection under Wisconsin law. Any language purporting to render the entire proposal confidential or proprietary will be ineffective and will be disregarded.

The Village will not discriminate against individuals due to sex, race, religion, creed, color, national origin, age, disability, sexual orientation, ancestry, marital status, arrest or conviction record, military service, or any other characteristics protected by law. This applies to all Consultants submitting proposals to this project and their sub-consultants.

The Village reserves the right to retain all proposals submitted, and to use any idea in a proposal, regardless of whether the proposal was selected. Submission of a proposal indicates acceptance by the firm of the conditions contained in the RFP, unless clearly and specifically noted in the proposal submitted and confirmed in the contract between the Village and the Consultant.

All property rights, including publication rights of all reports produced by the selected firm in connection with services performed under this agreement shall be vested in the Village.

The Village reserves the right to reject any or all proposals submitted.

Aimee Irwin

From: Mike Strezlec <mikestrezlec@barnesinc.net>
Sent: Wednesday, August 31, 2022 11:25 AM
To: Public Works
Subject: Village of McFarland Brush and Yard Waste Barnes, Inc. RFP Responses
Attachments: 1058_001.pdf

Jim and Aimee,

Attached are our RFP price responses for the 2023 Village of McFarland Brush and Yard Waste bin maintenance and curbside brush chipping services RFP. Please let me know if you have any questions after review of our information.

I have a few specific notes for you regarding our price increases for the new contract option terms, please see below. More specifics are described in the accompanying cover letter and should hopefully help with review of the RFP responses/new contract pricing. All price increases take into account current and anticipated inflation rates, increased employee wage rates and increased material costs based on actual labor and material/fuel usage over recent seasons.

- Our hourly rates for 2023 for both Option 1 and Option 2 have been increased 5% from the current 2022 hourly rate. In Option #2 the 2023 hourly rate will be increased 3% in each successive years, 2024 and 2025.
- Lump sum pricing for the April-December drop off site collection for both Option 1 and Option 2 has been increased 8% from the current 2022 hourly lump sum price. in Option #2 the 2023 lump sum price will be increased 3% in each successive years, 2024 and 2025.
- Lump sum pricing for the January holiday tree collection for both Option 1 and Option 2 has been listed in our RFP responses. in Option #2 the 2023 lump sum price for the holiday tree will be increased 3% in each successive years, 2024 and 2025.

The Barnes team looks forward to continuing services next year and beyond! We thoroughly enjoy working with you and the other Village staff and appreciate your business. At any time during the evaluation of our proposal responses please don't hesitate to contact me directly with any questions.

Mike Strezlec | Commercial Lead Account Manager | Barnes, Inc.
PH: 608.845.3230 ext. 115 | F: 608.845.6339 | barnesinc.net





Request For Proposals

Brush and Yard Waste

Bin Maintenance and Curbside Brush Chipping

RFP Issuance Date: August 15, 2022

RFP Due Date: August 31, 2022

Please Submit to:

Public Works Director, Jim Hessling

public.works@mcfarland.wi.us

Subject: Brush and Yard Waste

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SECTION 1

Purpose

The purpose and intent of this Request for Proposal (RFP) is to solicit proposals from qualified Contractor to provide high quality brush and yard waste collection and disposal services for the Village of McFarland. The proposal is required to meet the scope of services detailed within.

The Village is requesting proposals for both a one year and three year contract. Because of the uncertainty over available funding, proposals are also being sought on three different levels of curbside and drop-off site services.

SECTION 2

History and Background

A. **General** – The Village is located adjacent to the southeast side of the City of Madison in Dane County. The current population of McFarland is estimated at 9,331 residents. The Village is serviced by USH Highway 51 serving as the main connection point between the cities of Madison and Stoughton. The Village has 75 permanent employees supplemented by seasonal, temporary, and part-time employees when necessary. The Village's primary departments include Administration, Community & Economic Development, Communications/Technology, Fire and Rescue, Library, Public Works (including Parks and Utilities), Police, and Senior Outreach. More information about the Village is available at www.mcfarland.wi.us.

SECTION 3

Scope of Work

Specifications of brush and yard waste to be collected:

A. Brush Chipping

- a. Brush pieces will be no longer than ten (10') feet, no shorter than six (6") inches, and no greater than six (6") inches in diameter
- b. The cut ends of the brush pieces will be placed parallel to the curb and stacked in neat piles with the cut ends pointed in the same direction as traffic.
- c. Material must be free of all waste that may clog chipping equipment

B. Yard Waste Pick-up

- a. Yard waste materials to be collected include leaves, lawn clippings, pine needles, house plants, and other non-woody organic matter.
- b. Only yard waste materials placed in open bags (not to exceed 50 gallons in size) bearing an official pre-paid Village sticker will be collected.
- c. Material must be clean of debris or it will be left on site

C. Drop-off Site

- a. Brush must be six (6") inches in diameter or smaller and no longer than ten (10') feet.
- b. Material must be free of waste that may clog the chipping equipment
- c. Loads may be rejected if deemed unclean by Contractor's staff.

D. Holiday Tree Drop-off Site

- a. Residents drop-off holiday trees at the drop-off site between a designated date range.
- b. Contractor to clear drop-off site after date range.
- c. Materials may be rejected if deemed unable to be chipped.

SECTION 4

Request for Proposals

A. Option #1 is a one-year term for 2023.

Provide hourly costs (equipment and personnel) for Yard Waste Collection and Brush Collection and lump sum pricing for Drop Off Site services below:

YARD WASTE COLLECTION

Yard waste collection pricing for curbside pick-up.

Pick-ups to include:

- One Village-wide spring pick-up during the week of April 17, 2023.
- One Village-wide fall pick-up during the week of November 13, 2023.

2023: \$82.74 per hour/person including travel time.

BRUSH COLLECTION

Brush collection pricing for curbside pick-up.

Pick-ups to include:

- One spring pick-up of three (3) zones starting the week of April 24, 2023
- One fall pick-up of three (3) zones starting the week of November 6, 2023.

DROP OFF SITE

Brush and yard waste collection at the Village's drop off site located at 5115 Terminal Drive McFarland, Wisconsin. Hours of operation are 7:00 am to 7:00 pm, seven days a week. Service the site as needed starting on or before April 1, 2023, and closing on or about December 1, 2023. Cost \$88,506. Requested service between December 1 - April 1st will be done at hourly rate stated above.

HOLIDAY TREE DROP OFF SITE

Holiday tree collection at the Village's drop off site located at 5115 Terminal Drive McFarland, Wisconsin. Service the site after Martin Luther King, Jr. day in January of 2023. Cost \$4,137

ADDITIONAL NEEDS AND/OR STORM DAMAGE

Mutually agreed upon additional needs of the Village on an as needed basis and/or for assistance with storm damage clean-up. Pricing will be determined at time of request.

Barnes, Inc.
6433 Nesbitt Rd.
Madison, WI 53719

B. Option #2 is a three-year term for 2023, 2024, and 2025.

Provide hourly costs (equipment and personnel) for Yard Waste Collection and Brush Collection and lump sum pricing for Drop Off Site services below:

YARD WASTE COLLECTION

Yard waste collection pricing for curbside pick-up.

Pick-ups to include:

- One Village-wide spring pick-up during the week of April 17, 2023.
- One Village-wide spring pick-up during the week of April 15, 2024.
- One Village-wide spring pick-up during the week of April 15, 2025.
- One Village-wide fall pick-up during the week of November 13, 2023
- One Village-wide fall pick-up during the week of November 11, 2024
- One Village-wide fall pick-up during the week of November 10, 2025

2023: \$82.74 per hour/person including travel time. 2024: \$85.22 per hour/person including travel time. 2025: \$87.78 per hour/person including travel time.

BRUSH COLLECTION

Brush collection pricing for curbside pick-up.

Pick-ups to include:

- One spring pick-up of three (3) zones starting the week of April 24, 2023
- One spring pick-up of three (3) zones starting the week of April 22, 2024
- One spring pick-up of three (3) zones starting the week of April 22, 2025
- One fall pick-up of three (3) zones starting the week of November 6, 2023.
- One fall pick-up of three (3) zones starting the week of November 4, 2024.
- One fall pick-up of three (3) zones starting the week of November 3, 2025.

DROP OFF SITE

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April 1st will be done at hourly rate stated above. 2023: \$88,506.00 2024: \$ 91,161.18 2025: \$ 93,896.02

(continued on next page)

HOLIDAY TREE DROP OFF SITE

Holiday tree collection at the Village's drop off site located at 5115 Terminal Drive McFarland, Wisconsin. Service the site after Martin Luther King, Jr. day in January of 2023, 2024, and 2025.

2023: \$ 4,137

2024: \$ 4,261.11

2025: \$ 4,388.94

ADDITIONAL NEEDS AND/OR STORM DAMAGE

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SECTION 5

RFP Submittal Requirements

A. Qualification Details consisting of:

- i. **Cover Letter** – include details about the company and experience performing similar scope of services within the last ten years.
- iii. **References** – Provide three references for which the applicant has provided similar services within the last ten years. Include the company name, name, email, and telephone number of the contact person and a description of services provided to that contact.

B. Cost and Labor Hours Proposal consisting of:

- i. **Cost** – Hourly cost for equipment and personnel to perform Yard Waste and Brush Collection. Lump Sum price with all labor and equipment for service at the Drop Off Site. Provide this for Option #1 (one-year) and Option #2 (three-year).
- ii. **Estimated Labor Hours** – A summary of estimated labor hours for each of the following: Yard Waste Collection, Brush Collection and Drop Off Site services.

E. General requirements consisting of:

- i. **Due Date** – *Responses to the RFP must be received by August 31, 2022.* Proposals received late, for any reason, shall not be accepted.
- ii. **Format & Location** – Prospective contractors shall provide one (1) electronic PDF copy. RFP submittals shall be emailed to Jim Hessling at public.works@mcfarland.wi.us, subject: Brush and Yard Waste. Alternatively, consultants may submit an electronic PDF copy via a USB flash drive to the Village of McFarland-Brush and Yard Waste RFP, Attn: Public Works Department, 5915 Milwaukee Street, PO Box 110, McFarland, WI 53558.

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Method & Timeline of Selection

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All property rights, including publication rights of all reports produced by the selected firm in connection with services performed under this agreement shall be vested in the Village.

The Village reserves the right to reject any or all proposals submitted.



August 31, 2022

Village of McFarland
5915 Milwaukee St.
McFarland, WI 53558
Attn: Jim Hessling

Jim,

Please see attached our RFP responses for the Village of McFarland Brush and Yard Waste services. The entire team here at Barnes greatly appreciates this opportunity to provide pricing.

Barnes, Inc. has been in business since 1981 providing year-round residential and commercial landscape and snow removal services. We also have been providing municipal brush and yard waste collection services for multiple municipalities, including the City of Monona and the Town of Burke for multiple seasons, as well as continuing services for the Village of McFarland.

Our estimated labor hours for the yard waste and brush collection for one spring and one fall rotation for the three zones we currently service is approximately 350 hours. Estimated labor hours for the drop off site collection between April first and December first is approximately 1500 hours. Estimated yard waste Village wide pick up estimated labor hours are unknown at this point since we have not provided this service as of yet.

The lump sum drop off site price increase reflects an increase in labor and materials (mainly fuel) costs, as well as the increase in labor hours necessary to complete this services during the current contract term, as well as an increase due to the overall inflation rates that we are all experiencing. The summer storms, especially the severe storms earlier, increased the amount of material over the last few seasons and the associated increases in labor time necessary for our collection services. Also, we are expecting an additional increase in the amount of brush with the increased parameter of residents allowed to include brush up to 6" in diameter instead of 3" diameter as in the current contract.

Please let me know if you have any questions about our RFP responses. The Barnes team looks forward to continuing services for the Village of McFarland.

Sincerely,

Mike Strezlec
Commercial Lead Account Manager
Barnes, Inc.

(608) 845-3230 www.barnesinc.net (608) 845-6339 Fax



6433 Nesbitt Road
Madison, WI 53719
608-845-3230
barnesinc@barnesinc.net

REFERENCES

City of Monona
5211 Schluter Rd
Monona, WI
Attn: Dan Stephany
608-222-2525
dstephany@ci.monona.wi.us

Town of Burke
5365 Reiner Rd
Madison, WI
Attn: PJ Lentz
608-825-8420
Clerk@townofburke.com

Artis REIT Commercial Properties
P.O. Box 7700
Madison, WI
Attn: Leon Wilkosz
Vice President and Operations Manager
608-830-6302
lwilkosz@artisreit.com

**Full-service landscape maintenance and snow removal services for approximately
75 properties since 1998.**

Seasonal Solutions, LLC.
P.O. Box 434
Windsor, WI.
53598
(608)212-9390
Seasonalsolution19@gmail.com



Seasonal Solutions, LLC. is a sole-proprietorship lawn maintenance and snow removal company that was established in 2019. The owner was employed by the City of Madison Streets Department, performing yard waste collection, brush collection and various other duties, for 19 years prior to starting his own company. Since 2019 Seasonal Solutions, LLC. has experience providing the following services:

Acquired over 50 commercial and residential accounts to perform:

- Yard waste removal
- Brush collection
- Weekly lawn maintenance
- Snow plowing and Salting

Partnered with the Village of Windsor to perform:

- Spring and Fall Brush collection annually
- Stump grinding
- Aerating and Overseeding of Village parks
- Subdivision lot clearing
- Bike path snow removal and salting

Partnered with the Village of Fall River to perform:

- Weekly lawn maintenance of the Village cemetery

Partnered with Independent Care Health Plan (iCare) for the State of Wisconsin to perform:

- Weekly lawn maintenance
- Snow plowing and Salting

Partnered with the CDA Housing East Authority for the City of Madison to perform:

- Painting
- Yard waste removal
- Brush collection
- Stump grinding
- Floor stripping and waxing
- Snow plowing and Salting

References

❖ **Davis R Clark**

Director of Public Works
Village of Windsor
4084 Mueller Rd.
DeForest, WI 53532
608-888-0066 x200 Office
608-235-1196 Cell

❖ **Chad Courtier**

Parks & Conservancy Manager
Village of Windsor
4160 CTH V
Windsor WI 53532
608-573-9044
608-888-0066 Ext.201

❖ **Melissa Steinmann**

CDA Housing East - City of Madison
3538 Straubel St., Ste. 101
Madison, WI 53704
608-246-4558 Office
Email: msteinmann@cityofmadison.com

❖ **Mary Benisch**

Network Development Contract Specialist
Independent Care Health Plan (*iCare*)
7968 Tree Lane
Madison, Wisconsin 53717

www.iCareHealthPlan.org
mbenisch@iCareHealthPlan.org
p: 608-421-5109

A. Option #1 is a one-year term for 2023.

Provide hourly costs (equipment and personnel) for Yard Waste Collection and Brush Collection and lump sum pricing for Drop Off Site services below:

YARD WASTE COLLECTION

Yard waste collection pricing for curbside pick-up.

Pick-ups to include:

- One Village-wide spring pick-up during the week of April 17, 2023. \$75.00/Hour
- One Village-wide fall pick-up during the week of November 13, 2023. \$75.00/Hour

BRUSH COLLECTION

Brush collection pricing for curbside pick-up.

Pick-ups to include:

- One spring pick-up of three (3) zones starting the week of April 24, 2023 \$75.00/Hour
- One fall pick-up of three (3) zones starting the week of November 6, 2023. \$75.00/Hour

DROP OFF SITE

Brush and yard waste collection at the Village's drop off site located at 5115 Terminal Drive McFarland, Wisconsin. Hours of operation are 7:00 am to 7:00 pm, seven days a week. Service the site as needed starting on or before April 1, 2023, and closing on or about December 1, 2023. \$79,500

HOLIDAY TREE DROP OFF SITE

Holiday tree collection at the Village's drop off site located at 5115 Terminal Drive McFarland, Wisconsin. Service the site after Martin Luther King, Jr. day in January of 2023. \$500

ADDITIONAL NEEDS AND/OR STORM DAMAGE

Mutually agreed upon additional needs of the Village on an as needed basis and/or for assistance with storm damage clean-up. \$80.00/Hour

B. Option #2 is a three-year term for 2023, 2024, and 2025.

Provide hourly costs (equipment and personnel) for Yard Waste Collection and Brush Collection and lump sum pricing for Drop Off Site services below:

YARD WASTE COLLECTION

Yard waste collection pricing for curbside pick-up.

Pick-ups to include:

- One Village-wide spring pick-up during the week of April 17, 2023. \$75.00/Hour
- One Village-wide spring pick-up during the week of April 15, 2024. \$75.00/Hour
- One Village-wide spring pick-up during the week of April 15, 2025. \$75.00/Hour
- One Village-wide fall pick-up during the week of November 13, 2023 \$75.00/Hour
- One Village-wide fall pick-up during the week of November 11, 2024 \$75.00/Hour
- One Village-wide fall pick-up during the week of November 10, 2025 \$75.00/Hour

BRUSH COLLECTION

Brush collection pricing for curbside pick-up.

Pick-ups to include:

- One spring pick-up of three (3) zones starting the week of April 24, 2023 \$75.00/Hour
- One spring pick-up of three (3) zones starting the week of April 22, 2024 \$75.00/Hour
- One spring pick-up of three (3) zones starting the week of April 22, 2025 \$75.00/Hour
- One fall pick-up of three (3) zones starting the week of November 6, 2023. \$75.00/Hour
- One fall pick-up of three (3) zones starting the week of November 4, 2024. \$75.00/Hour
- One fall pick-up of three (3) zones starting the week of November 3, 2025. \$75.00/Hour

DROP OFF SITE

Brush and yard waste collection at the Village's drop off site located at 5115 Terminal Drive McFarland, Wisconsin. Hours of operation are 7:00 am to 7:00 pm, seven days a week. Service the site as needed starting on or before April 1, 2023, 2024, and 2025, and closing on or about December 1, 2023, 2024, and 2025. 2023: \$79,500 2024: \$79,500 2025: \$79,500

HOLIDAY TREE DROP OFF SITE

Holiday tree collection at the Village's drop off site located at 5115 Terminal Drive McFarland, Wisconsin. Service the site after Martin Luther King, Jr. day in January of 2023, 2024, and 2025. \$500

ADDITIONAL NEEDS AND/OR STORM DAMAGE

Mutually agreed upon additional needs of the Village on an as needed basis and/or for assistance with storm damage clean-up. \$80.00/Hour

Estimated Labor Hours

- Yard Waste Collection: 40 hours per week
- Brush Collection: 40 hours per week
- Drop Off site services: 50 hours per week x approximately 36 weeks = 1,800 total hours

<u>Projected Comparison</u>		
2023	Barnes	Seasonal Solutions
Yardwaste/Brush Collection	\$ 28,959.00	\$ 24,000.00
Drop Off Site	\$ 88,506.00	\$ 79,500.00
Holiday Tree Drop Off Site	\$ 4,137.00	\$ 500.00
	\$ 121,602.00	\$ 104,000.00
2024	Barnes	Seasonal Solutions
Yardwaste/Brush Collection	\$ 29,827.00	\$ 24,000.00
Drop Off Site	\$ 91,161.18	\$ 79,500.00
Holiday Tree Drop Off Site	\$ 4,261.11	\$ 500.00
	\$ 125,249.29	\$ 104,000.00
2025	Barnes	Seasonal Solutions
Yardwaste/Brush Collection	\$ 30,723.00	\$ 24,000.00
Drop Off Site	\$ 93,896.02	\$ 79,500.00
Holiday Tree Drop Off Site	\$ 4,388.94	\$ 500.00
	\$ 129,007.96	\$ 104,000.00

<u>Rate Comparison</u>		
2023	Barnes	Seasonal Solutions
Yardwaste Collection	\$ 82.74	\$ 75.00
Brush Collection	\$ 82.74	\$ 75.00
Drop Off Site	\$ 88,506.00	\$ 79,500.00
Holiday Tree Drop Off Site	\$ 4,137.00	\$ 500.00
2024	Barnes	Seasonal Solutions
Yardwaste Collection	\$ 85.22	\$ 75.00
Brush Collection	\$ 85.22	\$ 75.00
Drop Off Site	\$ 91,161.18	\$ 79,500.00
Holiday Tree Drop Off Site	\$ 4,261.11	\$ 500.00
2025	Barnes	Seasonal Solutions
Yardwaste Collection	\$ 87.78	\$ 75.00
Brush Collection	\$ 87.78	\$ 75.00
Drop Off Site	\$ 93,896.02	\$ 79,500.00
Holiday Tree Drop Off Site	\$ 4,388.94	\$ 500.00

McFarland
SUMMARY SHEET

MEETING DATE: Monday, September 26, 2022

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Jim Hessling, Public Works Director

AGENDA ITEM: Update regarding the 2022 Sanitary Survey report performed by the Wisconsin Department of Natural Resources (DNR)

PREVIOUS ACTION:

None.

ISSUE SUMMARY:

A Sanitary Survey, performed by the Wisconsin DNR, was recently completed for the McFarland Waterworks. A Sanitary Survey is the inspection of a municipalities' water system and is conducted every three years. Records indicate that these inspections go back to 1991 and were performed annually until 2007. Overall, the water system has received good reports. The last inspection occurred in 2019.

Enclosed is the letter from the DNR regarding this year's inspection along with our response. There were no significant deficiencies found. One deficiency was identified and action has been taken to correct this concern.

FINANCIAL/BUDGET IMPACT:

None.

VILLAGE PLAN REFERENCE:

None.

ORDINANCE REFERENCE:

None.

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

No action is required on this item.

ATTACHMENTS:

1. McFarland_SanitarySurveyReportLetter
2. 2022 Sanitary Survey Report response letter



July 21, 2022

Jim Hessling, Director of Public Works
5115 Terminal Drive
McFarland, WI 53558-9426

PWS ID#: 11302412
McFarland Waterworks
McFarland, WI
MC - Dane County

Subject: Sanitary Survey Report and Notice of Noncompliance

Dear Jim Hessling:

The purpose of a sanitary survey is to evaluate the system's source, facilities, equipment, operation, maintenance, and management as they relate to providing safe drinking water. The sanitary survey is also an opportunity to update the Department's records, provide technical assistance, and identify potential risks that may adversely affect drinking water quality. This Sanitary Survey Report also serves as a Notice of Noncompliance.

On July 15, 2022, Dave Barkhahn conducted a sanitary survey of your water system, McFarland Waterworks. During the sanitary survey you, Lee Igl, Aimee Irwin, Jordan Thompson, Bryan Westbury, and Austin Gaffney; were present. At the completion of the survey, you and your team were briefed on the preliminary findings. This report outlines the final findings, discusses problems that need to be addressed, and timelines for corrective action where appropriate.

We are asking that a plan for corrective action, including a work schedule be completed by September 4, 2022. A proposed corrective action plan and schedule is included below. Please contact me to discuss this before September 4, 2022, if you can justify extending the deadline.

System Summary

The Village of McFarland is located in central Dane County and is just south of the City of Madison. The water system is owned by the Village and began operation in 1940 for general use and fire protection. The present water system consists of three deep sandstone wells, two elevated storage tanks with a combined capacity of 1,250,000 gallons, and a distribution system consisting of 245,478 feet of water mains. At each well, chlorine is added for disinfection purposes and fluoride is added for dental health protection. Each well is equipped with natural gas engines and right-angle gear drives to operate the well pumps when electrical power is out. The engines are routinely operated and used to pump water.

Significant Deficiencies

During the sanitary survey, no significant deficiencies were identified. Significant deficiencies indicate noncompliance with one or more Wisconsin Administrative Codes and/or represent an immediate health risk to consumers.

Deficiencies

During the sanitary survey, one deficiency was identified. Deficiencies are problems in the drinking water system that have the potential to cause serious health risks or represent long-term health risks to consumers. These deficiencies may indicate noncompliance with one or more Wisconsin Administrative Codes. Corrective action should be completed for these deficiencies as soon as possible.

Deficiency	Compliance Due Date	Code Citation
1. Annual inspection of all storage structure screens and seals is not conducted and documented.	12/31/2022	NR 810.14

Discussion and Schedule for Correction of Deficiencies:

- Annual inspections are required of the screens on the vents and of the gaskets on the hatches of both elevated tanks. The next inspections should occur before the end of this year. The inspections should also be documented by taking pictures or by entries in a logbook.

Recommendations

During the sanitary survey, four recommendations were identified. Recommendations are problems in the water system that hinder your public water system from consistently providing safe drinking water to consumers.

Recommendation
1. The source capacity appears to be inadequate to meet current and future demand.
2. The pump discharge pipe is not adequately protected from corrosion.
3. Additional measures may be needed to enhance the security of the water supply system.
4. A comprehensive materials inventory may not be maintained.

Discussion of Recommendations:

- The Department uses a rule-of-thumb to check if water systems have enough well capacity. It is common engineering design that public water systems have enough source capacity to supply the municipality with the average day's consumption, while the largest well is out of service. Furthermore, the pumps should not run more than 12 hours to meet the average day's consumption, nor more than 18 hours per day for the maximum day usage. According to the 2021 PSC report, McFarland used about 646,699 gallons per average day during the year. The PSC report also shows that 1,384,000 gallons was pumped on the maximum day's use. With all three wells in service, the well pumps would operate 4.2 hours to meet the average day's pumpage. With all three wells in service, the well pumps would operate 8.9 hours to meet the maximum day's pumpage. With the largest well out of service, the other two well pumps would operate 7.7 hours to meet the average day's pumpage. With largest well out of service, the other two well pumps would operate 16.5 hours to meet the maximum day's pumpage. The 2020 PSC report shows that 1,754,000 gallons was pumped on the maximum day. Using the above rule-of-thumb, we can see that the water system is approaching a level of concern for the maximum day of pumpage. This rule-of-thumb is not the only indicator that needs to be considered when determining proper well capacity. An engineering study or a needs assessment that considers current and future demands, along with a more detailed analysis of the water use, should be used to make the final determination.

- To reduce corrosion, all discharge piping inside each wellhouse should be painted. Some new pipe sections were installed recently and need to be painted. The existing pipe in each wellhouse also appears to need a fresh coat of paint.
- Cyber-attacks have been striking critical infrastructure across the United States with increased frequency in recent years. The following best management practices can be made to prevent a cybersecurity incident:
 1. Update to the latest version of the operating system (e.g. Windows 10).
 2. Use multiple-factor authentication to access critical applications.
 3. Use strong passwords to protect remote access credentials.
 4. Update user access lists to critical programs regularly (e.g. Employee retires).
 5. Train users to identify and report attempts at social engineering. Identify and suspend access of users exhibiting unusual activity.
 6. Ensure anti-virus, spam filters, and firewalls are up to date, properly configured and secure.
 7. Audit network configurations and isolate computer systems that cannot be updated.
 8. Only use secure networks and consider installing a virtual private network (VPN).
 9. Restrict all remote connections to SCADA systems, specifically those that allow physical control and manipulation of devices within the SCADA network. One-way unidirectional monitoring devices are recommended to monitor SCADA systems remotely.
- The Federal Lead and Copper Rule Revisions (LCRR) that are now in effect require all public water systems to develop and submit a service line material inventory to the DNR by October 16, 2024. The department encourages your water system to prepare for this upcoming LCRR deadline by improving your current plumbing materials inventory. LCRR compliant materials inventories are required to include information for all service lines connected to the public water system distribution system, including residential and non-residential customers. This means that inventories must list both the street side and customer side service line materials and categorize them as one of the following: confirmed lead; confirmed non-lead; lead status unknown or galvanized requiring replacement (GRR). Customer-side galvanized service lines must be assigned GRR category unless the public water system knows with certainty that the upstream utility service line material is not currently and was never previously lead. In addition to the above classification, public water systems must identify and track the source of the information used to classify each connection (e.g. construction records, visual inspection, etc.) and provide a locational identifier. Therefore, your system will be required to review all relevant historical records for the water system prior to your initial 2024 inventory submittal. The operators should continue to collect plumbing materials information from all services when meters are changed, when cross connection inspections are made, during construction projects, or any other time they enter customers' premises. In addition to the inventory submitted before October 2024, annual updates can be made once more information is obtained.

Nonconforming Features

During the sanitary survey, seven nonconforming features were identified. Nonconforming features are things that existed in a water system before a code change became effective. These features were approved at the time of construction or installation but due to changes in the code, would not be approved for new installations. Correction of these features is not required until major changes or remodeling occurs or a health hazard is identified. The following items were identified as nonconforming features.

Nonconforming Features	Current Code
1. The vent on one elevated tank does not meet all of the NR 811 requirements.	811.64(8)(c)
2. The overflow of one elevated storage facility is not brought down to within 12 to 24 inches of the ground surface.	811.64(4)(a)
3. There is not at least one adequately sized well vent installed through the well pump casing, well seal, or concrete pump base at two locations.	811.36(1)
4. The pump base at one location is not adequate.	811.31(1)
5. Sampling faucets are not appropriate for each type of sample.	811.37(5)(b)
6. Secondary containment of all chemical tanks is not provided.	811.39(3)(d)
7. The proper housing for chemicals or separate rooms are not provided.	811.40(1)(L), 811.51(1)(a), and 811.51(2)(a)

Discussion of Nonconforming Features:

- According to the last inspection report in our files from Dixon Engineering, the vent on top of the Holscher Road tank does not meet current code requirements. The current code requires skirted sides that totally cover the screen when viewing the vent cap from the side. This work can be done the next time the tank is painted.
- The discharge of the overflow pipe on the Burma Road elevated tank discharges horizontally, 42 inches above the splash pad. Current code requires the discharge to face downward and end 12-24 inches above the splash pad.
- Newly constructed wells are required to have well vents with a minimum diameter of 2 inches. It appears the well vents at wells 1 and 3 are undersized.
- New wells are required to have concrete pump bases that are at least 12 inches above the pump station floor and the protective grouted casing must extend a minimum of one inch above the concrete pump base. It appears that the pump base at well 1 is not at least 12 inches high.
- Samples for inorganics, radioactivity, volatile organic chemicals, and synthetic organic chemicals are required to be collected at the entry points to the distribution system. The entry point is at a location after chemical addition and before the first customer. The proper entry point faucet may not exist at wells 1 and 3. To obtain a water sample representing finished water quality, a water service lateral may be brought back into the building and fitted with a sampling faucet after being connected to the finished water main outside the building. The sample tap in the meter test room at well 4 can be used as an entry point tap when well 4 is running.
- Secondary containment for all chemical tanks is not provided. Secondary containment capable of holding the contents of all chemical tanks is needed for all new chemical storage rooms. This includes the solution tank being used and all containers being stored. Secondary containment can be provided by a larger vessel that surrounds the tanks, by using double walled tanks, using an expandable bladder, or by concrete curbing on the floor.

- Separate chemical rooms with proper ventilation for all chemicals are now required at new installations. Separate chemical rooms are not provided at wells 1 and 3. A separate chemical room or rooms is recommended for chemical storage at each well. This is especially important when storing incompatible chemicals like chlorine and fluoride. The separate rooms also reduce corrosion of electrical controls, switches, and any other metal surfaces in each wellhouse.

Water Quality Monitoring and Reporting

Your water system has an excellent record of compliance with monitoring and reporting requirements for chemical and radiological contaminants for the last three years. All samples were collected and all results were reported to the Department, as required. We appreciate your samplers' continued efforts in complying with these Safe Drinking Water Act requirements. There are no water quality concerns with the McFarland water system.

The monitoring requirements for McFarland for 2022 show that one Disinfection Byproduct sample is needed from the distribution system in the third quarter from the approved location. Routine coliform bacteria (10 distribution samples in each month and one raw water sample each quarter from each well) and monthly fluoride split samples are also needed.

A review of Department records shows an excellent history of bacteriological sampling for the last 3-year period. At least 10 samples are required from the distribution system each month. Records show that these samples have been collected each month. All samples were submitted to certified labs for bacteriological analysis. Samples were collected at 12 different locations throughout the distribution system and on different days throughout each month. No coliform positive samples were reported.

The fluoridation program for the McFarland water system also has an excellent history of sample submission for the last 12-month period. All monthly split samples were collected and were submitted to the State Lab of Hygiene, as required. The average residual for the most recent twelve monthly split samples submitted in the last year was 0.78 mg/L at the State Lab and the operators' average was 0.70 mg/L. This indicates the operators are doing a good job when performing the fluoride residual tests and that the testing equipment used to run these analyses is functioning properly. The operators are encouraged to keep up the good work with the fluoridation program.

Lead and Copper Monitoring

Lead and copper samples were collected in 2020 from 20 different valid sites in the water system. The 90th percentile for lead was reported as 1.72 ug/L and the 90th percentile for copper was reported as 193 ug/L. The action level for lead is 15 ug/L, and for copper, the action level is 1300 ug/L. We have reviewed your water system's lead and copper monitoring history. It appears that the sites used have been appropriate sites. The Utility has 44 approved sites on their monitoring site plan. All sites are kitchen cold water taps with unsoftened water.

Required Reports, Records, and Utility Programs

Our records show that the Utility has distributed the required Consumer Confidence Reports (CCRs). All reports were complete, and it appears that the reports were properly distributed. The completed certification forms were also sent to this office. The CCRs must continue to be distributed before July 1 of every year. Please continue to send me copies of the final reports and the completed certification forms. A copy of the 2021 CCR was received on June 16, 2022, along with the completed certification form.

In the last two years, all wells were taken out of service for rehabilitation and cleaning. This is an important part in maintaining the capacities of the wells. We recommend that this type of maintenance be done once every ten years, or more if needed. In addition to this work, it is also desirable to upgrade the wellhouses to keep up with new code requirements. Painting inside each wellhouse, providing separate chemical rooms and new chemical tanks not only improves the looks inside each wellhouse, but could help improve the safety for the operators and will reduce corrosion of electrical panels and controls.

The monthly pumpage reports are required to be completely filled out and submitted to the department on or before the tenth day of the following month. In the last three years, all reports were filled out properly. The September 2020 report was submitted two days late.

It appears that the Village's private well abandonment and permitting ordinance (Article II, Division 2, §47-44 through §47-51) is properly enforced. One well was abandoned and an abandonment report was received on August 5, 2020. The Village's ordinance requires the proper abandonment of all unused, unsafe, or improperly constructed private wells located on premises served by the Village water supply. Current well operational permits are required to be kept on file for periodic review by Department personnel. As properties are annexed and served municipal water, the well owners should be notified of the requirements in the Village's ordinance. The Utility is aware of one well that still exists that is also served by the Village water supply.

It appears that the Village's cross connection control ordinance (Article II, Division 3, §47-60 through §47-67) is also being enforced. Inspections are made when meters are changed. The Utility will start their meter change-out program of all service types this year and cross connection inspections will be made at the same time. In addition to performing inspections, the water system is also required to submit an annual report to the department that tells how many inspections were made in the previous year. These reports are due every March 1. The 2021 report was received on January 25, 2022. The report shows that public education materials were last mailed on April 13, 2021, in addition to making inspections at all service types. The Village's website also has educational information. Please continue to have all services inspected and continue to keep records of each inspection.

Hydrant flushing and valve exercising programs are also required and it appears that the Utility has done a good job with these programs. System hydrants are flushed in the fall, and hydrants on dead-ends are flushed in the spring and some are flushed again in the fall. About 20% of the valves are exercised each year. All hydrant and valve maintenance records are kept on the Utility's GIS system.

Detailed interior inspections of all water storage facilities are required at least once every five years. Inspection reports are also required to be submitted to the Department when the 5-year tank inspection is completed. The 500,000-gallon elevated tank on Burma Road was last inspected on October 11, 2017. The inspection report is on file. We do not have the last inspection report of the 750,000-gallon elevated tank on Holscher Road. Please get that to me soon.

We have an outdated overall map of the water distribution system. The owner of every community water system is required to keep a copy of a current map of the water system on file with the Department. The map should show the size and location of all waterworks facilities such as water mains, valves, hydrants, wells, and storage facilities. An electronic map in pdf format is preferred. Please send the map to me when you are able to.

Certified Operator

Chapter NR 114, Wisconsin Administrative Code, specifies the requirements for certified waterworks operators. To be fully certified for the McFarland water system, the Utility must employ at least one person that is a grade 1 operator in Distribution (D), and Groundwater (G). An operator in training is given a grade T status until proper experience is obtained and reported. The water system must also designate the operator in charge. To maintain their certification, all operators must attend continuing education classes and submit their credits when renewing their certificates.

Our records show that Jim Hessling is the operator in charge. Jim has Grade 1 certification in D and G. Jim's certification is good until June 1, 2024, when he will need to renew with the proper number of continuing education credits. Our records also show that Brett Brandt and David Pospysalla are certified at Grade 1 in subclasses D and G. David Pospysalla also has Grade T certification in Iron Removal (I). Lee Igl has Grade T certification in D and G. When Lee has the appropriate experience in each subclass he should submit the experience form and become fully certified as a Grade 1 operator. Mark Weber's certification recently expired but he plans to renew.

Water System Security

We recommend that you conduct a daily security check of your entire drinking water system to ensure that doors are locked and that windows secured. Please also take appropriate measures to protect your SCADA system.

System Summary Information

A water system summary is attached. Please review it for accuracy. If there are changes that need to be made, contact Dave Barkhahn at 920-960-0115.

Capacity Development Evaluation

This sanitary survey serves as an evaluation of the capabilities of your water system. This system has been determined to have adequate technical, managerial, and financial capacity to provide safe drinking water. The ability to plan for, achieve, and maintain compliance with applicable drinking water standards has been demonstrated.

The next sanitary survey of your water system is scheduled to take place in 2025. Typically, you will be contacted prior to the survey to schedule a date that is convenient.

Required Action

Please respond by September 4, 2022, with notification that the deficiency has been corrected, or that you agree to correct the deficiency identified in this letter by the due date, or with an alternative date for correcting the deficiency. Please also consider correcting the non-conforming features and recommendations discussed in this letter.

Thank you for your assistance during the sanitary survey. If you have any questions, you can reach me by phone at 920-960-0115, by fax at 608-275-3338, by e-mail at dave.barkhahn@wisconsin.gov, or by postal mail at the address on this letterhead.

Sincerely,



David Barkhahn
Public Water Supply Engineer

Encl.

cc: Bureau of Drinking Water/Groundwater - DG/5
Matt Schuenke, Village Administrator

Water System Summary Information

System ID: 11302412

System Name: MCFARLAND WATERWORKS

County: Dane

Type: Municipal Community

Basin: Rock River (lower)

Population: 9331

Service Connections: 0

Owner: JIM HESSLING

5115 TERMINAL DR

MCFARLAND, WI 53558

(608) 838-7287 Fax: (608) 838-6823 jim.hessling@mcfarland.wi.us

Date Security VA Complete: 05/03/2004

Date ERP Complete: 05/03/2004

Date ERP Last Exercised/Updated:

Emergency Phone: (608) 445-2858

Emergency Fax: (608) 838-4954

Emergency E-mail: achapin@mcfarland.wi.us

Certified Operators

Name	Lic. #	Expires	Phone/Fax/E-mail	Certification
BRETT BRANDT	32875	11/01/2023	(608) 838-7287 bbrandt2479@yahoo.com	D-1, G-1
JAMES HESSLING	27118	06/01/2024	(608) 838-7287 jim.hessling@mcfarland.wi.us	D-1, G-1; OIC
LEON IGL	38938	05/01/2025	(608) 358-8384 leeigl32@gmail.com	D-t, G-T
DAVID POSPYHALLA	32146	05/01/2024	(608) 219-8995 davidpospyhalla@gmail.com	D-1, G-1, I-T
MARK WEBER	33321	05/01/2022	(608) 838-7287 6088386823 mweber3370@yahoo.com	

Affiliations

Name	Affiliation	Start Date	Primary?	Phone
JIM HESSLING	SAMPLER	12/04/2015	Y	608-838-7287
JIM HESSLING	OWNER	12/14/2018	Y	608-838-7287
AARON CHAPIN	EMERGENCY	10/08/2021	Y	608-445-2858
DAVE BARKHAHN	DNR REP	07/05/2011	Y	920-960-0115
CASSANDRA SUETTINGER	PLAN CON	04/13/2018	N	608-838-3153

Entry Points and Sources of Water (Basic Data)

Source ID	Name	WUWN	Status	Type	Source	Depth	Cased	Grouted
1	Well #1	BF498	Active	ENTRY PT/SOURCE	Ground Water Source	560	167	167
2		BF499	Perm Abandoned	ENTRY PT/SOURCE	Ground Water Source		60	60
3	Well #3	HJ137	Active	ENTRY PT/SOURCE	Ground Water Source	700	260	260
4	Well #4	AC718	Active	ENTRY PT/SOURCE	Ground Water Source	800	130	130
99	OLD WELL #3	BF500	Reconstructed Well	ENTRY PT/SOURCE	Ground Water Source	700		

Entry Points and Sources of Water (Misc. Data)

Source ID	Pump Cap.	Pump Type	Lube	Aux. Power?
1	500	Vertical Turbine	Water	Yes
2		Vertical Turbine	Water	No
3	1000	Vertical Turbine	Water	Yes
4	1000	Vertical Turbine	Water	Yes
99	560	Vertical Turbine	Water	Yes

Storage

ID/Location	Type	Vol. (gal)	Firm Pumping Capacity (gpm)	Height to Overflow (ft.)	Overflow Elev. (sea-level, ft.)	Aux. Power?	Mfg.	Model
4901 Burma Road	ELEVATED TANK	500000	1400	91	1047	No	CB&I	Spheroid
5107 Holscher Road	ELEVATED TANK	750000	1400	113	1047	No	CB&I	Spheroid

Booster Stations

ID/Location	Type	Firm Pumping Capacity (gpm)	Aux. Power?
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None

System Interconnects

ID/Location	Type	Capacity (gpm)	Metered?	Chemical Injection Capable?
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None

Treatment Summary Data

Source ID	Type	Description	Begin	End	Objective(s)	Pump Model	Cap.	Stroke %	Speed %	Sol. Tank Cap.	Dil. Ratio
1	380	Fluoridation	01/01/1960		Other	LMI A171-150FS	10	60	53	30	0
1	421	Hypochlorination, Post	01/01/1960		Disinfection	LMI A141-150S	14	50	40	30	0
2	380	Fluoridation	01/01/1960	04/14/1998	Other						
3	380	Fluoridation	01/01/1960		Other	LMI A171-150FS	10	60	52	30	0
3	421	Hypochlorination, Post	01/01/1960		Disinfection	LMI A151-91SH	24	73	65	30	0
4	380	Fluoridation	01/01/1960		Other	LMI AA171-150FS	10	60	58	30	0
4	421	Hypochlorination, Post	01/01/1960		Disinfection	LMI A151-97SH	24	65	60	30	0
99	380	Fluoridation	01/01/1960	01/01/1996	Other						

System Evaluation Summary

Inspector/Reviewer	Date	Report Date	Type	Agency	Response Due	Response Recd
BARKHAHN, DAVE	07/15/2022	07/21/2022	SURVEY	DNR	09/04/2022	
BARKHAHN, DAVE	07/15/2019	07/19/2019	SURVEY	DNR	09/02/2019	07/19/2019
BARKHAHN, DAVE	07/15/2016	07/22/2016	SURVEY	DNR	09/05/2016	08/18/2016
BARKHAHN, DAVE	06/05/2013	06/14/2013	SURVEY	DNR	07/29/2013	07/29/2013
STUNKARD, TOM	07/14/2010	07/28/2010	SURVEY	DNR	09/10/2010	09/09/2010
STUNKARD, TOM	11/29/2007	12/03/2007	ANNUAL	DNR		
STUNKARD, TOM	11/07/2006	11/29/2006	SURVEY	DNR	01/29/2007	01/22/2007
STUNKARD, TOM	11/03/2005	11/09/2005	ANNUAL	DNR		
STUNKARD, TOM	11/17/2004	12/01/2004	ANNUAL	DNR		
STUNKARD, TOM	11/06/2003	11/07/2003	ANNUAL	DNR		
STUNKARD, TOM	11/13/2002	11/25/2002	ANNUAL	DNR		
STUNKARD, TOM	11/27/2001	12/10/2001	SURVEY	DNR		
STUNKARD, TOM	11/15/2000	11/16/2000	ANNUAL	DNR		
STUNKARD, TOM	12/02/1999	12/16/1999	ANNUAL	DNR		
STUNKARD, TOM	12/15/1998	12/22/1998	ANNUAL	DNR		
STUNKARD, TOM	11/12/1997	11/25/1997	ANNUAL	DNR		
STUNKARD, TOM	11/26/1996	12/16/1996	SURVEY	DNR		
STUNKARD, TOM	11/21/1995	01/05/1996	ANNUAL	DNR		
STUNKARD, TOM	11/10/1994	11/14/1994	ANNUAL	DNR		
STUNKARD, TOM	11/11/1993	11/16/1993	ANNUAL	DNR		
	12/11/1991		SURVEY	DNR		

Bacteriological Sampling History

Year	Distribution Safe	Distribution Unsafe	Confirmed Unsafe	Missed Samples	Raw Safe	Raw Unsafe	Fecal Positive?
2022	73			0	8		N
2021	132			0	12		N
2020	122			0	12		N
2019	120			0	12		N
2018	119			0	13		N
2017	108			0	12		N
2016	108			0	12		N

Chemical Sampling History

Year	Sample Group	Source ID	Samples Taken	Missed Samples	MCL Violations
2022	NITRATE	1	1	0	0
2022	NITRATE	4	1	0	0
2022	NITRATE	3	1	0	0
2022	FLUORIDE		7	0	0
2021	NITRATE	4	1	0	0
2021	NITRATE	1	1	0	0
2021	NITRATE	3	1	0	0
2021	FLUORIDE		12	0	0
2021	VOC		1	0	0
2020	SOC	3	2	0	0
2020	SOC	4	2	0	0
2020	FLUORIDE		12	0	0
2020	IOC	1	1	0	0
2020	SOC	1	2	0	0

Year	Sample Group	Source ID	Samples Taken	Missed Samples	MCL Violations
2020	VOC	1	1	0	0
2020	VOC	3	1	0	0
2020	VOC	4	1	0	0
2020	RAD	3	1	0	0
2020	VOC		1	0	0
2020	PBCU		20	0	0
2020	IOC	3	1	0	0
2020	IOC	4	1	0	0
2020	RAD	1	1	0	0
2020	RAD	4	1	0	0
2019	NITRATE	1	1	0	0
2019	NITRATE	4	1	0	0
2019	NITRATE	3	1	0	0
2019	FLUORIDE		12	0	0
2019	VOC		1	0	0
2018	NITRATE	4	1	0	0
2018	NITRATE	1	1	0	0
2018	NITRATE	3	1	0	0
2018	FLUORIDE		12	0	0
2018	VOC		1	0	0
2017	SOC	4	1	0	0
2017	SOC	3	1	0	0
2017	FLUORIDE		16	0	0
2017	IOC	1	1	0	0
2017	SOC	1	1	0	0
2017	VOC	1	1	0	0
2017	RAD	3	1	0	0
2017	VOC	4	1	0	0
2017	PBCU		20	0	0
2017	VOC		1	0	0
2017	IOC	3	1	0	0
2017	IOC	4	1	0	0
2016	NITRATE	1	1	0	0
2016	NITRATE	4	1	0	0
2016	NITRATE	3	1	0	0
2016	FLUORIDE		12	0	0
2016	VOC		2	0	0

Sample Group	Last Sampled
VOC	2021
BACTI	2022
SOC	2020
HAA5	2007
FLUORIDE	2022
NITRATE	2022
TTHM	2007
RAD	2020
PBCU	2020
DBP	2013
IOC	2020

MCL Violations

Source ID	Contaminant	Concentration	MCL	Units	Viol. Start	Viol. End	Continuing Operation?
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None

Definitions

MCL = Maximum Contaminant Limit (as set by the Environmental Protection Agency (EPA))

BACTI = Bacteriological Sample

IOC = Sample for Inorganic Compounds

NITRATE = Nitrate Sample

PBCU = Lead and Copper Sample

RAD = Sample for Radioactivity

SOC = Sample for Synthetic Organic Compounds

VOC = Sample for Volatile Organic Compounds

FLUORIDE = Fluoride from Fluoridation

TTHM = Total Trihalomethane Sample

8/17/22

Dave Barkhahn
WI DNR, Water Supply
3911 Fish Hatchery Road
Fitchburg, WI 53711-5397

RE: Follow up to the letter dated July 21, 2022, addressing the 2022 Sanitary Survey Report and Notice of Noncompliance

Dear Dave,

Thank you for taking the time to complete our Sanitary Survey on July 15, 2022. I would like to take this opportunity to address the items listed in your report. Thank you for bringing these items to our attention.

Deficiencies

1. Annual inspection of all storage structure screens and seals is not conducted and documented.

Response: The utility had both water towers inspected on August 8, 2022, by a Remotely Operated Vehicle (ROV). Once the inspection reports are completed, I will forward them on to you for your records.

The gasket on the Burma Tower was replaced. We have photos of this work.
The gasket on the Holscher Tower was in good shape. We have photos of this work.
Both of these towers were inspected on July 27, 2022.

Recommendations

1. The source capacity appears to be inadequate to meet current and future demand.

Response: Source capacity will be addressed through our water system needs assessment that is currently underway.

2. The pump discharge pipe is not adequately protected from corrosion.

Response: The piping in the well houses does have primer paint on it. We experienced a replacement of components of the manifold piping and an elbow. As part of this work some of the bolts had “broken” paint on them. We will finish painting the manifold system once we get improved weather conditions and lower humidity.

3. Additional measures may be needed to enhance the security of the water supply system.

Response: The utility took your advice and is looking into various SCADA security measures. Steps were also taken to make sure that upgrades had occurred. Staff will be receiving training on security measures pertaining to our system once those updates have been made.

4. A comprehensive materials inventory may not be maintained.

Response: The utility, as part of its water meter upgrades, has begun to gather data related to the comprehensive materials inventory. The utility requires our meter installer contractor to record information on the incoming service line and associated plumbing, if visible. At this time, we believe that we will meet this requirement as long as the meter change-out program continues as planned.

Non-Conforming Features

The utility recognizes that over the years code changes have occurred that affect water systems and ours is no exception. Should the situation arise, we will correct non-conforming features as required.

Water Quality Monitoring and Reporting

The department works hard at ensuring that all water samples and daily testing is performed as needed and required.

Lead and Copper Monitoring

All lead and copper samples were collected as specified. It is getting harder and harder to collect samples from residents for a variety of reasons. We continue to work on improving our sample collection to meet this requirement.

Required Reports, Records, and Utility Programs

The department has a process set up for daily and monthly reporting requirements. The September 2020 monthly report was indeed two days late. This was my fault while reviewing the reports. I thought I hit the submit button when in reality, I closed out of the report. We are working on getting additional operators on board for submitting reports.

The utility is on the correct path for upgrades to the water system along with its associated equipment. Preventative maintenance such as valve turning and hydrant flushing continue to be a priority for the department.

Attached with this report are both tower inspections from 2015 and 2017, as requested. We previously sent you an updated water system map back on July 22, 2022

Certified Operator

Mark Weber renewed his certified waterworks operator license on July 28, 2022. All new Public Works staff are required to attend water school and become certified operators.

In closing, I hope that this letter addresses our efforts that have been and will be put forth to improve our water system. If you have any questions, please feel free to contact me.

Regards,



Jim Hessling
Director of Public Works

cc: Matt Schuenke, Village Administrator, via e-mail
g:\public works\waterworks sanitary survey report (dnr inspections)\2022\2022 sanitary survey report response letter'.docx

McFarland
SUMMARY SHEET

MEETING DATE: Monday, September 26, 2022

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Aimee Irwin, Assistant to the Public Works Director, Jim Hessling, Public Works Director, Matt Schuenke, Village Administrator, Lee Igl, Streets/Utilities Superintendent

AGENDA ITEM: Discussion regarding PFAS testing performed by the Wisconsin DNR.

PREVIOUS ACTION:

None.

ISSUE SUMMARY:

The Village of McFarland recently participated in some voluntary PFA testing through the WI DNR before mandatory testing is implemented. This was a proactive measure for the operations of the water utility.

What is PFAS?

You might have seen recent news reports about per- and polyfluoroalkyl substances (together abbreviated as PFAS). These are a class of human-made chemicals typically associated with non-stick coatings, waterproofing, stain-proofing treatments and fire-fighting foams. In recent years, a chemical group called PFAS has been linked to potential health effects. PFAS is heavily used in manufacturing and still found in a lot of fast-food wrappers (click [here](#) for those ones tested).

There are four individual PFAS family compounds that are specifically mentioned in the latest notice from the Environmental Protection Agency (EPA): PFOS, PFOA, GenX and PFBS:

- *PFOS* – key ingredient in stain repellant, Scotchgard; used in surface coatings for carpet, furniture, and waterproof clothing
- *PFOA* – makes nonstick coatings for cookware; best known of these coatings, PTFE or Teflon™, is made from PFOA and may contain some traces of PFOA. It was also used in production of carpets, upholstery, clothing, floor wax, and sealants
- *GenX* – was developed as a replacement for PFOA once PFOA began being associated with negative health effects; however, GenX has now been linked to the same and health effects as PFOA, according to the EPA.
- *PFBS* – wetter in industrial processes and in water-resistant or stain-resistant coatings on textiles, carpets, and paper; 3M Company is reportedly its leading producer

What's New?



- On June 15, 2022, the United States EPA made a health advisory (HAL) announcement with new numbers for PFAS. HALs are non-enforceable; rather, they provide technical information that guides the officials to develop monitoring plans, determine treatment solutions, and create policies. The EPA has not yet stopped polluters from discharging PFAS, but they plan to set an enforceable limit (MCL--maximum contaminant level) by the end of 2023.
 - The HAL considers the effect of a lifetime of consumption
- Effective August 1, 2022, communities are required to conduct the initial sampling for PFOA and PFOS as follows:
 - Systems serving more than 50,000 people - sample beginning November 2022
 - Systems serving more than 10,000-49,999 - sample beginning February 2023
 - Systems serving less than 10,000 people - sample beginning May 2023
- As of September 2, 2022, the Wisconsin Department of Natural Resources (WDNR) administrative rule process for two common forms of PFAS has ended, resulting in new standards for drinking water and surface water. This affects the PFOA and PFOS groups of PFAS.
 - **The new drinking water MCL for PFOA and PFOS is 70 parts per trillion (ppt).** Previously, the 70 ppt level was an advisory limit.

What action has the Village of McFarland taken?

On July 22, 2022, the McFarland water utility obtained samples from each well source within the village. This sampling was on a volunteer basis with the Wisconsin DNR. Results were received on August 8, 2022. Two of the three wells had no detects found. The sample obtained from Well 1 had low level detects of some PFAS compounds.

Levels detected in Well 1 are far below the Maximum Contaminant Level (MCL) per the EPA for PFHxS and PFOS is 70 ppt. Well #1 results showed the following:

- PFHxS was detected at 2.83 parts per trillion (ppt).
- PFOS was detected at 1.04 ppt
- **Levels detected are far below** the 20 ppt as recommended by the Wisconsin Department of Health Services.

The water received at locations within the village is not linked to any one well but rather could be a mix of all three sources.

We understand that it may be alarming to hear that PFAS have been found in our water supply. We are dedicated to providing you with safe drinking water. The utility will continue to monitor



PFAS, report sample results and take action, if warranted. At this time, due to the low levels, no formal action is proposed.

What can you do?

According to the EPA, PFAS contaminates the blood of 99% of Americans and pollutes most of the world and have been called unavoidable as they are "everywhere," specifically on former military bases and airports where PFAS firefighting foam has been used for years. Considering that, health experts advise:

- Do not switch to plastic bottled water (Click [here](#) for a link to Consumer Reports who tested popular brands and found PFAS)
- Stay away from waterproof/stain-resistant textiles and clothing that contain PFAS
- Stop using PFAS-containing food-contact materials such as take-out containers
- Avoid microwave popcorn which relies on PFAS to create nonstick surface inside the bag
- Most nonstick cookware is made with PTFE, a type of PFAS, and should be avoided.
- If you use a water filter, make sure to replace it on-time to reduce contamination build up.
- Don't assume your home water filter removes PFAS; do additional research on the filter you have
- Avoiding water-resistant products and products with PTFE or "fluoro-" in the ingredients can help limit exposure (Environmental Working Group has created a database that identifies which shampoos, dental floss, makeup, and other personal-care products do and do not contain PFAS. Click [here](#) for additional information).

For more information on PFAS:

- American Water Works Association: [PFAS | American Water Works Association \(awwa.org\)](#)
- Centers for Disease Control: [Per- and Polyfluorinated Substances \(PFAS\) Factsheet | National Biomonitoring Program | CDC](#)
- Wisconsin DNR: [PFAS | Wisconsin DNR](#)

FINANCIAL/BUDGET IMPACT:

None.

VILLAGE PLAN REFERENCE:

None.

ORDINANCE REFERENCE:

None.

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

No action is required on this item.



ATTACHMENTS:

1. PFAS DNR email
2. WELL 1 PFAS
3. WELL 3 PFAS
4. WELL 4 PFAS

Aimee Irwin

From: Barkhahn, Dave G - DNR <Dave.Barkhahn@wisconsin.gov>
Sent: Wednesday, August 10, 2022 8:54 AM
To: Jim Hessling
Cc: Lee Igl; Aimee Irwin
Subject: RE: WI State Lab of Hygiene - Lab Report

Jim:

The results were reported to our data system. It looks like well 1 had low level detects of some PFAS compounds. PFHxS was detected at 2.83 parts per trillion (ppt). PFOS was detected at 1.04 ppt. Since there were detects, the lab also measured the field reagent blank and found no detects in that sample. The current State MCL is 70 ppt for combination of PFOA and PFOS. The levels found at well 1 are much below the MCL. The levels found are also much below the 20 ppt for the combination of PFOA and PFOS recommended by Wisconsin Dept. of Health Services. In June, the EPA set an interim health advisory limit for PFOS at 20 parts per quadrillion. Currently the labs can't even detect the compound at those low levels. You will be required to list the results in the next Consumer Confidence Report. We also recommend that you inform your customers before the next CCR comes out. There were no detects found in wells 3 and 4. Let me know if you have any other questions on this.

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Dave Barkhahn

Phone: (920) 960-0115
dave.barkhahn@wisconsin.gov

From: Jim Hessling <Jim.Hessling@mcfarland.wi.us>
Sent: Monday, August 8, 2022 2:27 PM
To: Barkhahn, Dave G - DNR <Dave.Barkhahn@wisconsin.gov>
Cc: Lee Igl <Lee.Igl@Mcfarland.wi.us>; Aimee Irwin <airwin@mcfarland.wi.us>; Jim Hessling <Jim.Hessling@mcfarland.wi.us>
Subject: FW: WI State Lab of Hygiene - Lab Report

**CAUTION: This email originated from outside the organization.
Do not click links or open attachments unless you recognize the sender and know the content is safe.**

Hi Dave,

Attached are our sampling results for PFS's. Not sure if you received this or not. I don't know how to interpret the results and was wondering if you can help us out.

Any help would be appreciated.

Thanks,

Jim

Jim Hessling | Director of Public Works | Village of McFarland | 5115 Terminal Drive |
| McFarland, WI | 53558 | 608-838-7287 | jim.hessling@mcfarland.wi.us |

-----Original Message-----

From: WILabReport@slh.wisc.edu <WILabReport@slh.wisc.edu>

Sent: Monday, August 8, 2022 2:13 PM

To: Jim Hessling <Jim.Hessling@mcfarland.wi.us>

Subject: WI State Lab of Hygiene - Lab Report

Laboratory reports are included for the following Workorders (3 reports):

Workorder ID WO Description

PWS PFAS PHASE 1 DNR PROJECT 632598

PWS PFAS PHASE 1 DNR PROJECT 632601

PWS PFAS PHASE 1 DNR PROJECT 632599

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2601 Agriculture Drive, PO Box 7996
Madison, WI 53707-7996
(800)442-4618 - FAX (608)224-6213
<http://www.slh.wisc.edu>

Laboratory Report

Environmental Health Division

WSLH Sample: 632598001

Report To:

JIM HESSLING
PO BOX 110
5115 TERMINAL DR
MCFARLAND, WI 53558

Invoice To:

JIM HESSLING
PO BOX 110
5115 TERMINAL DR
MCFARLAND, WI 53558
Customer ID: 11302412

System Name: MCFARLAND WATERWORKS

City: MC FARLAND

Collection Date/Time: 07/22/2022 07:55

Collected By: JIM HESSLING

County: 13 - Dane

Source Code: E - Entry Point

Collection Address: 5412 LONG STREET

Location of Sample: SAMPLE TAP

Monitor Point ID: W1

PWS ID#: 11302412

WI Unique Well#: BF498

Entry Point ID: 1

Date Received: 7/22/2022

Date Reported: 8/8/2022

Sample Type: I-Investigation

PFAS in DW

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 07/26/22 10:30		Analysis Date: 07/26/22 22:05			
PFBS (375-73-5)	EPA Method 537.1	<0.958	ng/L	0.958	0.958
PFHxA (307-24-4)	EPA Method 537.1	<1.92	ng/L	1.92	1.92
HFPO-DA (13252-13-6)	EPA Method 537.1	<0.958	ng/L	0.958	0.958
PFHpA (375-85-9)	EPA Method 537.1	<1.92	ng/L	1.92	1.92
PFHxS (355-46-4)	EPA Method 537.1	2.83	ng/L	0.958	0.958
DONA (919005-14-4)	EPA Method 537.1	<0.958	ng/L	0.958	0.958
PFNA (375-95-1)	EPA Method 537.1	<0.958	ng/L	0.958	0.958
PFOS (1763-23-1)	EPA Method 537.1	1.04	ng/L	0.958	0.958
9CI-PF3ONS (756426-58-1)	EPA Method 537.1	<0.958	ng/L	0.958	0.958
PFDA (335-76-2)	EPA Method 537.1	<1.92	ng/L	1.92	1.92
N-MeFOSAA (2355-31-9)	EPA Method 537.1	<0.958	ng/L	0.958	0.958
N-EtFOSAA (2991-50-6)	EPA Method 537.1	<0.958	ng/L	0.958	0.958
PFUnA (2058-94-8)	EPA Method 537.1	<1.92	ng/L	1.92	1.92
PFOA (335-67-1)	EPA Method 537.1	<1.92	ng/L	1.92	1.92
11CI-PF3OUdS (763051-92-9)	EPA Method 537.1	<0.958	ng/L	0.958	0.958
PFDoA (307-55-1)	EPA Method 537.1	<1.92	ng/L	1.92	1.92
PFTTrDA (72629-94-8)	EPA Method 537.1	<1.92	ng/L	1.92	1.92



Wisconsin State Laboratory of Hygiene
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Madison, WI 53707-7996
(800)442-4618 - FAX (608)224-6213
<http://www.slh.wisc.edu>

Laboratory Report

Environmental Health Division

WSLH Sample: 632598001

PFAS in DW

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 07/26/22 10:30	Analysis Date: 07/26/22 22:05				
PFTeDA (376-06-7)	EPA Method 537.1	<0.958	ng/L	0.958	0.958



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Laboratory Report

Environmental Health Division

WSLH Sample: 632598001

WDNR LAB ID:113133790 NELAP LAB ID:2091 EPA LAB ID:WI00007, WI00008 WI DATCP ID:105-415

List of Abbreviations:

LOD = Level of detection
LOQ = Level of quantification (for PFAS the LOQ = MRL)
ND = None detected. Results are less than the LOD
F next to result = Result is between LOD and LOQ
Z next to result = Result is between 0 (zero) and LOD
if LOD=LOQ, Limits were not statistically derived

Test results for NELAP accredited tests are certified to meet the requirements of the NELAC standards. For a list of accredited analytes

see <http://www.slh.wisc.edu/about/compliance/nelac-laboratory-accreditation>

Results, LOD and LOQ values have been adjusted for analytical dilutions and percent moisture where applicable.

Results relate only to the items tested.

This Laboratory Report shall not be reproduced except in full, without written approval of the laboratory.

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

Responsible Party

Inorganic Chemistry: Graham Anderson, Supervisor 608-224-6281

Metals: Graham Anderson, Supervisor 608-224-6281

Organics: Erin Mani, Supervisor 608-224-6269

Environmental Toxicology: Dawn Perkins, Supervisor 608-224-6230

Water Microbiology: Martin Collins, Supervisor 608-224-6239

Radiochemistry: David Webb, Division Director 608-224-6227



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<http://www.slh.wisc.edu>

Laboratory Report

Environmental Health Division

WSLH Sample: 632598002

Report To:

JIM HESSLING
PO BOX 110
5115 TERMINAL DR
MCFARLAND, WI 53558

Invoice To:

JIM HESSLING
PO BOX 110
5115 TERMINAL DR
MCFARLAND, WI 53558
Customer ID: 11302412

System Name: MCFARLAND WATERWORKS

City: MC FARLAND

Collection Date/Time: 07/22/2022 07:55

Collected By: JIM HESSLING

County: 13 - Dane

Source Code: E - Entry Point

Collection Address: 5412 LONG STREET

Location of Sample: SAMPLE TAP

Monitor Point ID: W1

PWS ID#: 11302412

WI Unique Well#: BF498

Entry Point ID: 1

Date Received: 7/22/2022

Date Reported: 8/8/2022

Sample Type: I-Investigation

Sample Comments

FIELD REAGENT BLANK (FRB)

PFAS in DW

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 07/29/22 10:35		Analysis Date: 07/29/22 21:23			
PFBS (375-73-5)	EPA Method 537.1	<1.03	ng/L	1.03	1.03
PFHxA (307-24-4)	EPA Method 537.1	<2.05	ng/L	2.05	2.05
HFPO-DA (13252-13-6)	EPA Method 537.1	<1.03	ng/L	1.03	1.03
PFHpA (375-85-9)	EPA Method 537.1	<2.05	ng/L	2.05	2.05
PFHxS (355-46-4)	EPA Method 537.1	<1.03	ng/L	1.03	1.03
DONA (919005-14-4)	EPA Method 537.1	<1.03	ng/L	1.03	1.03
PFNA (375-95-1)	EPA Method 537.1	<1.03	ng/L	1.03	1.03
PFOS (1763-23-1)	EPA Method 537.1	<1.03	ng/L	1.03	1.03
9CI-PF3ONS (756426-58-1)	EPA Method 537.1	<1.03	ng/L	1.03	1.03
PFDA (335-76-2)	EPA Method 537.1	<2.05	ng/L	2.05	2.05
N-MeFOSAA (2355-31-9)	EPA Method 537.1	<1.03	ng/L	1.03	1.03
N-EtFOSAA (2991-50-6)	EPA Method 537.1	<1.03	ng/L	1.03	1.03
PFUnA (2058-94-8)	EPA Method 537.1	<2.05	ng/L	2.05	2.05
PFOA (335-67-1)	EPA Method 537.1	<2.05	ng/L	2.05	2.05

Environmental Health Division

WSLH Sample: 632598002

PFAS in DW

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 07/29/22 10:35		Analysis Date: 07/29/22 21:23			
11CI-PF3OUdS (763051-92-9)	EPA Method 537.1	<1.03	ng/L	1.03	1.03
PFDaA (307-55-1)	EPA Method 537.1	<2.05	ng/L	2.05	2.05
PFTTrDA (72629-94-8)	EPA Method 537.1	<2.05	ng/L	2.05	2.05
PFTeDA (376-06-7)	EPA Method 537.1	<1.03	ng/L	1.03	1.03



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Laboratory Report

Environmental Health Division

WSLH Sample: 632598002

WDNR LAB ID:113133790 NELAP LAB ID:2091 EPA LAB ID:WI00007, WI00008 WI DATCP ID:105-415

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if LOD=LOQ, Limits were not statistically derived

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see <http://www.slh.wisc.edu/about/compliance/nelac-laboratory-accreditation>

Results, LOD and LOQ values have been adjusted for analytical dilutions and percent moisture where applicable.

Results relate only to the items tested.

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The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

Responsible Party

Inorganic Chemistry: Graham Anderson, Supervisor 608-224-6281

Metals: Graham Anderson, Supervisor 608-224-6281

Organics: Erin Mani, Supervisor 608-224-6269

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Laboratory Report

Environmental Health Division

WSLH Sample: 632601001

Report To:

JIM HESSLING
PO BOX 110
5115 TERMINAL DR
MCFARLAND, WI 53558

Invoice To:

JIM HESSLING
PO BOX 110
5115 TERMINAL DR
MCFARLAND, WI 53558
Customer ID: 11302412

System Name: MCFARLAND WATERWORKS

City: MC FARLAND

Collection Date/Time: 07/22/2022 08:20

Collected By: JIM HESSLING

County: 13 - Dane

Source Code: E - Entry Point

Collection Address: 5001 N AUTUMN LN

Location of Sample: SAMPLE TAP

Monitor Point ID: W-3

PWS ID#: 11302412

WI Unique Well#: HJ137

Entry Point ID: 3

Date Received: 7/22/2022

Date Reported: 8/8/2022

Sample Type: I-Investigation

PFAS in DW

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 07/26/22 10:30		Analysis Date: 07/26/22 22:29			
PFBS (375-73-5)	EPA Method 537.1	<0.918	ng/L	0.918	0.918
PFHxA (307-24-4)	EPA Method 537.1	<1.84	ng/L	1.84	1.84
HFPO-DA (13252-13-6)	EPA Method 537.1	<0.918	ng/L	0.918	0.918
PFHpA (375-85-9)	EPA Method 537.1	<1.84	ng/L	1.84	1.84
PFHxS (355-46-4)	EPA Method 537.1	<0.918	ng/L	0.918	0.918
DONA (919005-14-4)	EPA Method 537.1	<0.918	ng/L	0.918	0.918
PFNA (375-95-1)	EPA Method 537.1	<0.918	ng/L	0.918	0.918
PFOS (1763-23-1)	EPA Method 537.1	<0.918	ng/L	0.918	0.918
9CI-PF3ONS (756426-58-1)	EPA Method 537.1	<0.918	ng/L	0.918	0.918
PFDA (335-76-2)	EPA Method 537.1	<1.84	ng/L	1.84	1.84
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N-EtFOSAA (2991-50-6)	EPA Method 537.1	<0.918	ng/L	0.918	0.918
PFUnA (2058-94-8)	EPA Method 537.1	<1.84	ng/L	1.84	1.84
PFOA (335-67-1)	EPA Method 537.1	<1.84	ng/L	1.84	1.84
11CI-PF3OUdS (763051-92-9)	EPA Method 537.1	<0.918	ng/L	0.918	0.918
PFDoA (307-55-1)	EPA Method 537.1	<1.84	ng/L	1.84	1.84
PFTTrDA (72629-94-8)	EPA Method 537.1	<1.84	ng/L	1.84	1.84



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<http://www.slh.wisc.edu>

Laboratory Report

Environmental Health Division

WSLH Sample: 632601001

PFAS in DW

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 07/26/22 10:30	Analysis Date: 07/26/22 22:29				
PFTeDA (376-06-7)	EPA Method 537.1	<0.918	ng/L	0.918	0.918



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Madison, WI 53707-7996
(800)442-4618 - FAX (608)224-6213
<http://www.slh.wisc.edu>

Laboratory Report

Environmental Health Division

WSLH Sample: 632601001

WDNR LAB ID:113133790 NELAP LAB ID:2091 EPA LAB ID:WI00007, WI00008 WI DATCP ID:105-415

List of Abbreviations:

LOD = Level of detection
LOQ = Level of quantification (for PFAS the LOQ = MRL)
ND = None detected. Results are less than the LOD
F next to result = Result is between LOD and LOQ
Z next to result = Result is between 0 (zero) and LOD
if LOD=LOQ, Limits were not statistically derived

Test results for NELAP accredited tests are certified to meet the requirements of the NELAC standards. For a list of accredited analytes

see <http://www.slh.wisc.edu/about/compliance/nelac-laboratory-accreditation>

Results, LOD and LOQ values have been adjusted for analytical dilutions and percent moisture where applicable.

Results relate only to the items tested.

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The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

Responsible Party

Inorganic Chemistry: Graham Anderson, Supervisor 608-224-6281

Metals: Graham Anderson, Supervisor 608-224-6281

Organics: Erin Mani, Supervisor 608-224-6269

Environmental Toxicology: Dawn Perkins, Supervisor 608-224-6230

Water Microbiology: Martin Collins, Supervisor 608-224-6239

Radiochemistry: David Webb, Division Director 608-224-6227



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Laboratory Report

Environmental Health Division

WSLH Sample: 632599001

Report To:

JIM HESSLING
PO BOX 110
5115 TERMINAL DR
MCFARLAND, WI 53558

Invoice To:

JIM HESSLING
PO BOX 110
5115 TERMINAL DR
MCFARLAND, WI 53558
Customer ID: 11302412

System Name: MCFARLAND WATERWORKS

City: MC FARLAND

Collection Date/Time: 07/22/2022 08:50

Collected By: JIM HESSLING

County: 13 - Dane

Source Code: E - Entry Point

Collection Address: 5703 BIRD SONG CT

Location of Sample: SAMPLE TAP

Monitor Point ID: D1

PWS ID#: 11302412

WI Unique Well#: AC718

Entry Point ID: 4

Date Received: 7/22/2022

Date Reported: 8/8/2022

Sample Type: I-Investigation

PFAS in DW

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 07/26/22 10:30		Analysis Date: 07/26/22 22:17			
PFBS (375-73-5)	EPA Method 537.1	<0.913	ng/L	0.913	0.913
PFHxA (307-24-4)	EPA Method 537.1	<1.83	ng/L	1.83	1.83
HFPO-DA (13252-13-6)	EPA Method 537.1	<0.913	ng/L	0.913	0.913
PFHpA (375-85-9)	EPA Method 537.1	<1.83	ng/L	1.83	1.83
PFHxS (355-46-4)	EPA Method 537.1	<0.913	ng/L	0.913	0.913
DONA (919005-14-4)	EPA Method 537.1	<0.913	ng/L	0.913	0.913
PFNA (375-95-1)	EPA Method 537.1	<0.913	ng/L	0.913	0.913
PFOS (1763-23-1)	EPA Method 537.1	<0.913	ng/L	0.913	0.913
9CI-PF3ONS (756426-58-1)	EPA Method 537.1	<0.913	ng/L	0.913	0.913
PFDA (335-76-2)	EPA Method 537.1	<1.83	ng/L	1.83	1.83
N-MeFOSAA (2355-31-9)	EPA Method 537.1	<0.913	ng/L	0.913	0.913
N-EtFOSAA (2991-50-6)	EPA Method 537.1	<0.913	ng/L	0.913	0.913
PFUnA (2058-94-8)	EPA Method 537.1	<1.83	ng/L	1.83	1.83
PFOA (335-67-1)	EPA Method 537.1	<1.83	ng/L	1.83	1.83
11CI-PF3OUdS (763051-92-9)	EPA Method 537.1	<0.913	ng/L	0.913	0.913
PFDoA (307-55-1)	EPA Method 537.1	<1.83	ng/L	1.83	1.83
PFTTrDA (72629-94-8)	EPA Method 537.1	<1.83	ng/L	1.83	1.83



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WSLH Sample: 632599001

PFAS in DW

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 07/26/22 10:30	Analysis Date: 07/26/22 22:17				
PFTeDA (376-06-7)	EPA Method 537.1	<0.913	ng/L	0.913	0.913



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